



# भारत का राजपत्र The Gazette of India

साप्ताहिक/WEEKLY  
प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 30] नई दिल्ली, शनिवार, जुलाई 26—अगस्त 1, 2003 (श्रावण 4, 1925)  
No. 30] NEW DELHI, SATURDAY, JULY 26—AUGUST 1, 2003 (SRAVANA 4, 1925)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE  
PATENTS AND DESIGNS  
Kolkata, the 26th July 2003

#### ADDRESSES AND JURISDICTION OF THE OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Kolkata and Branch Offices at Mumbai, Delhi and Chennai having Territorial Jurisdiction on a Zonal basis as shown below:—

1. Patent Office Branch,  
Todi Estates, 111rd Floor,  
Sun Mill Compound,  
Lower Parel (West),  
MUMBAI-400 013.

The States of Gujarat,  
Maharashtra, Madhya Pradesh,  
Goa and the Union  
Territories of Daman and  
Diu & Dadra and Nagar Haveli.

Telegraphic Address "PATOFFICE"  
Phone Nos. (022) 2492 4058, 2496 1370, 2490 3684.  
Fax No. (022) 2495 0622.  
E-Mail: patmum@vsnl.net.

2. Patent Office Branch,  
W-5, West Patel Nagar,  
New Delhi-110 008.

The States of Haryana,  
Himachal Pradesh,  
Jammu and Kashmir,  
Punjab, Rajasthan,  
Uttar Pradesh and Delhi and the  
Union Territory of Chandigarh.

Telegraphic Address "PATENTOFIC"  
Phone Nos. (011) 2587 1255, 2587 1256,  
2587 1257, 2587 1258.  
Fax No. (011) 2587 1256.  
E-Mail: delhipatent@vsnl.net.

3. Patent Office Branch,  
Guna Complex, 6th Floor, Annex-II,  
443, Annasalai, Teynampet,  
Chennai-600 018.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamilnadu and  
Pondicherry and the Union  
Territories of Laccadive, Minicoy and  
Aminidivi Islands.

Telegraphic Address "PATENTOFFIC"  
Phone Nos. (044) 2431 4324/4325/4326.  
Fax Nos. (044) 2431 4750/4751.  
E-Mail: patentchennai@vsnl.net

4. Patent Office (Head Office),  
Nizam Palace, 2nd M.S.O. Building,  
5th & 6th & 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Kolkata-700 020.

Rest of India.

Telegraphic Address "PATENTS"  
Phone Nos. (033) 2247 4401/4402/4403.

Fax Nos. (033) 2247 3851, 2240 1353.

E-Mail: patentin@vsnl.com.

patindia@giasci01.vsnl.net.in

Website : http://ipindia.nic.in

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 2002 or by the Patents Rules, 2003 will be received only at the appropriate offices of the Patent Office.

Fees : The fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

### पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कोलकाता, दिनांक 26 जुलाई 2003

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:—

1. पेटेंट कार्यालय शाखा,  
येडी इस्टेट, तीसरा तल,  
सन मिल कम्पाउंड,  
लोअर परेल (वेस्ट),  
मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा  
गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र दमन तथा दीव एवं  
दादर और नगर हवेली।

तार पता : "पेटेंटोफिस"

फोन : (022) 2492 4058, 2496 1370, 2490 3684.

फैक्स : (022) 2495 0622.

ई. मेल : patmum@vsnl.net

2. पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट पटेल नगर,  
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता : "पेटेंटोफिक"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,  
2587 1258.

फैक्स : (011) 2587 1256.

ई.-मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,

गुणा कम्प्लेक्स, छठा तल, एनेक्स-II,  
443, अन्नासलाई, तेनामपेट,  
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र लक्षद्वीप, मिनीकांय तथा एमिनिदिवि द्वीप।  
तार पता - "पेटेंटोफिक"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई.-मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),

निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6वां व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई.-मेल : patentin@vsnl.com

patindia@giasci01.vsnl.net.in

वेब साइट : http://ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है।

## SPECIAL NOTICE

All the Patent application filed up to 31st October, 2001 other than those (a) for which secrecy directions have been imposed and continued under Section 35, (b) applications alongwith provisional specification, deemed to have been abandoned under Section 9(1) and (c) applications which have been withdrawn before 18 months from the date of filing on date of priority as the case may shall be deemed to have been published under Section 11A of The Patents (Amendment) Act, 2002. The particulars of the application together with provisional and/or complete specification and abstract may be inspected at the appropriate office.

In pursuance of the amendment of Section 53 of the Patents Act, 1970 by the Patents (Amendment) Act, 2002 and in pursuance of the sub-section (1) of Section 53 of the Act, the term of every patent irrespective of drug/food which has not expired and has not ceased to have effect on the 20th May, 2003 shall be "twenty years" from the date of filing of the application for patent.

### **SPECIAL NOTICE**

In view of the new provision made in the Patents (Amendments) Act, 2002 under section 11B, the section is reproduced underneath for public information :

**“ SECTION 11 B “ : Request for examination . —**

- 1) No application for a patent shall be required to be examined unless the applicant or any other interested person makes a request in the prescribed manner for such examination within forty-eight months from the date of filing of the application for patent.
- 2) In case of an application filed before the commencement of the Patents (Amendment) Act, 2002, a request in the prescribed manner for examination shall be made by the applicant or any other interested person within a period of twelve months from the date of such commencement or within forty-eight months from the date of the application, whichever is later
- 3) In case of an application in respect of a claim for a patent covered under sub-section (2) of section 5, a request in the prescribed manner for examination shall be made by the applicant or any other interested person within a period of twelve months from 31<sup>st</sup> day of December, 2004 or within forty-eight months from the date of the application, whichever is later
- 4) In case the applicant or any other interested person does not make a request for examination of the application for a patent within the period as specified under sub-section (1) or sub-section (2) or sub-section (3), the application shall be treated as withdrawn by the applicant :

Provided that -

- (i) the applicant may, at any time after the filing of the application but before the grant of the patent, withdraw the application made by him;  
and
- (ii) in a case where a secrecy direction has been issued under section 35, the request for examination may be made within forty-eight months from the date of revocation of the secrecy direction .]

**GOVERNMENT OF INDIA**  
**PATENT OFFICE CHENNAI BRANCH,**  
**National Phase Applications for Patent under PCT filed in the Month of December, 2002**

- |    |                       |   |                    |
|----|-----------------------|---|--------------------|
| 1. | Nationalphase App.No  | IN/PCT/2002/01976/CHE   | Dated : 02.12.2002 |
|    | Corres.PCT App.No     | PCT/EP01/04902  | Dated : 10.05.2001 |
|    | Priority Document No. | No. 00109968.8  | Dated : 11/05/2000 |
|    | Name of the Applicant | Methanol casale S.A., Switzerland   |                    |
|    | Title of Invention    | Reactor for exothermic or endothermic heterogeneous reactions   |                    |
| 2. | Nationalphase App.No  | IN/PCT/2002/01977/CHE   | Dated : 02.12.2002 |
|    | Corres.PCT App.No     | PCT/US01/17551  | Dated : 31.05.2001 |
|    | Priority Document No. | Nos. 09/587, 608; 09/599, 633; 09/765, 819  | Dated : 05/06/2000 |
|    | Name of the Applicant | Borden Chemical Inc., USA   |                    |
|    | Title of Invention    | Glyoxal - phenolic condensates with enhanced fluorescence   |                    |
| 3. | Nationalphase App.No  | IN/PCT/2002/01978/CHE   | Dated : 02.12.2002 |
|    | Corres.PCT App.No     | PCT/EP01/06029  | Dated : 26.05.2001 |
|    | Priority Document No. | No. 00112116.9  | Dated : 06/06/2000 |
|    | Name of the Applicant | Aventis pharma deutschland, Germany   |                    |
|    | Title of Invention    | Factor VIIa inhibitory (Thio) urea derivatives, their preparation and their use                                       |                    |
| 4. | Nationalphase App.No  | IN/PCT/2002/01979/CHE   | Dated : 02.12.2002 |
|    | Corres.PCT App.No     | PCT/EP01/04836  | Dated : 30.04.2001 |
|    | Priority Document No. | No. 10021191.7  | Dated : 03/05/2000 |
|    | Name of the Applicant | Basf Aktiengesellschaft, Germany  |                    |
|    | Title of Invention    | Method for producing a polymer, using caprolactam   |                    |
| 5. | Nationalphase App.No  | IN/PCT/2002/01980/CHE   | Dated : 02.12.2002 |
|    | Corres.PCT App.No     | PCT/EP01/04837  | Dated : 30.04.2001 |
|    | Priority Document No. | No. 10021192.5  | Dated : 03/05/2000 |
|    | Name of the Applicant | Basf Aktiengesellschaft, Germany  |                    |
|    | Title of Invention    | Method for producing caprolactam on the basis of 6 - aminocapronitrile and subsequent purification by crystallization |                    |
| 6. | Nationalphase App.No  | IN/PCT/2002/01981/CHE   | Dated : 02.12.2002 |
|    | Corres.PCT App.No     | PCT/EP01/04834  | Dated : 30.04.2001 |
|    | Priority Document No. | No. 10021199.2  | Dated : 03/05/2000 |
|    | Name of the Applicant | Basf Aktiengesellschaft, Germany  |                    |
|    | Title of Invention    | Method for producing caprolactam from 6 - aminocapronitrile   |                    |

- |     |                       |   |                    |
|-----|-----------------------|---|--------------------|
| 7.  | National phase App.No | IN/PCT/2002/01982/CHE   | Dated : 02.12.2002 |
|     | Corres. PCT App.No    | PCT/EP01/04833  | Dated : 30.04.2001 |
|     | Priority Document No. | No. 10021201.8  | Dated : 03/05/2000 |
|     | Name of the Applicant | Basf Aktiengesellschaft, Germany  |                    |
|     | Title of Invention    | Method for producing cyclic lactams   |                    |
| 8.  | National phase App.No | IN/PCT/2002/01983/CHE   | Dated : 02.12.2002 |
|     | Corres. PCT App.No    | PCT/EP01/04841  | Dated : 30.04.2001 |
|     | Priority Document No. | No. 10021193.3  | Dated : 03/05/2000 |
|     | Name of the Applicant | Basf Aktiengesellschaft, Germany  |                    |
|     | Title of Invention    | Method for producing cyclic lactams   |                    |
| 9.  | National phase App.No | IN/PCT/2002/01984/CHE   | Dated : 02.12.2002 |
|     | Corres. PCT App.No    | PCT/EP01/06267  | Dated : 01.06.2001 |
|     | Priority Document No. | No. 00810493 7  | Dated : 07/06/2000 |
|     | Name of the Applicant | SICPA Holding S.A., Switzerland   |                    |
|     | Title of Invention    | UV curable composition  |                    |
| 10. | National phase App.No | IN/PCT/2002/01985/CHE   | Dated : 02.12.2002 |
|     | Corres. PCT App.No    | PCT/EP01/06028  | Dated : 26.05.2001 |
|     | Priority Document No. | No. 100 28 304.7  | Dated : 07/06/2000 |
|     | Name of the Applicant | SMS Demag AG, Germany   |                    |
|     | Title of Invention    | Method and device for local processing of casting data arising from measurement data obtained from a continuous casting mold by mean of sensors |                    |
| 11. | National phase App.No | IN/PCT/2002/01986/CHE   | Dated : 02.12.2002 |
|     | Corres. PCT App.No    | PCT/US01/13998  | Dated : 01.05.2001 |
|     | Priority Document No. | No. 60/213, 410   | Dated : 22/06/2000 |
|     | Name of the Applicant | Theravance, Inc., USA   |                    |
|     | Title of Invention    | Glycopeptide phosphonate derivatives  |                    |
| 12. | National phase App.No | IN/PCT/2002/01987/CHE   | Dated : 03.12.2002 |
|     | Corres. PCT App.No    | PCT/JP02/03325  | Dated : 03.04.2002 |
|     | Priority Document No. | No. 2001 - 107004   | Dated : 05/04/2001 |
|     | Name of the Applicant | Sumika fine chemicals co., ltd., Japan  |                    |
|     | Title of Invention    | Process for producing 2, 6 - dihalogenopurine   |                    |

13. Nationalphase App.No IN/PCT/2002/01988/CHE Dated : 03.12.2002  
Corres.PCT App.No PCT/DE02/01117 Dated : 27.03.2002  
Priority Document No. No. 101 17 181.1 Dated : 05/04/2001  
Name of the Applicant Georgsmarienhutte GmbH, Germany  
Title of Invention Method and device for preventing slag from flowing along when tapping a molten metal
14. Nationalphase App.No IN/PCT/2002/01989/CHE Dated : 03.12.2002  
Corres.PCT App.No PCT/EP01/06030 Dated : 26.05.2001  
Priority Document No. Nos. 100 28 175.3; 101 16 768.7 Dated : 09/06/2000  
Name of the Applicant Aventis pharma deutschland GmbH, Germany  
Title of Invention Acylphenylurea derivatives, a process for their preparation and their use as pharmaceuticals
15. Nationalphase App.No IN/PCT/2002/01990/CHE Dated : 03.12.2002  
Corres.PCT App.No PCT/EP01/04982 Dated : 03.05.2001  
Priority Document No. No. 00810402.8 Dated : 11/05/2000  
Name of the Applicant Ciba speciality chemicals holding inc., Switzerland  
Title of Invention Process for staining of wood with aqueous wood stains
16. Nationalphase App.No IN/PCT/2002/01991/CHE Dated : 03.12.2002  
Corres.PCT App.No PCT/GB01/02040 Dated : 10.05.2001  
Priority Document No. No. 0011169.0 Dated : 10/05/2000  
Name of the Applicant Reckitt benckiser healthcare (UK) Limited, United kingdom  
Title of Invention Irradiation of ispaghula
17. Nationalphase App.No IN/PCT/2002/01992/CHE Dated : 03.12.2002  
Corres.PCT App.No PCT/AU01/00481 Dated : 27.04.2001  
Priority Document No. No. PQ 7445 Dated : 11/05/2000  
Name of the Applicant Franklin scott, Western Australia  
Title of Invention Biomass burner
18. Nationalphase App.No IN/PCT/2002/01993/CHE Dated : 03.12.2002  
Corres.PCT App.No PCT/EP01/04868 Dated : 01.05.2001  
Priority Document No. No. 00201986.7 Dated : 06/06/2000  
Name of the Applicant Akzo Nobel N.V., Netherlands  
Title of Invention 16, 17 - Carbocyclic condensed steroid compounds having selective estrogenic activity

19. *Nationalphase App.No* IN/PCT/2002/01994/CHE *Dated : 03.12.2002*  
*Corres.PCT App.No* PCT/US01/17786 *Dated : 01.06.2001*  
*Priority Document No.* No. 09/590, 408 *Dated : 08/06/2000*  
*Name of the Applicant* Clearstack combustion corporation, USA  
*Title of Invention* Low nitrogen oxides emissions using three stages of fuel oxidation and in - situ furnace flue gas recirculation
20. *Nationalphase App.No* IN/PCT/2002/01995/CHE *Dated : 03.12.2002*  
*Corres.PCT App.No* PCT/US01/17908 *Dated : 01.06.2001*  
*Priority Document No.* No. 09/590, 404 *Dated : 08/06/2000*  
*Name of the Applicant* Clearstack combustion corporation, USA  
*Title of Invention* Potassium hydroxide flue gas injection technique to reduce acid gas emissions and improve electrostatic precipitator performance
21. *Nationalphase App.No* IN/PCT/2002/01996/CHE *Dated : 03.12.2002*  
*Corres.PCT App.No* PCT/EP01/04643 *Dated : 25.04.2001*  
*Priority Document No.* No. 09/571, 395 *Dated : 15/05/2000*  
*Name of the Applicant* Pharmacia Italia S.p.a. & others, Italy  
*Title of Invention* Stabilized aqueous suspensions for parenteral use
22. *Nationalphase App.No* IN/PCT/2002/01997/CHE *Dated : 03.12.2002*  
*Corres.PCT App.No* PCT/IB02/01011 *Dated : 27.03.2002*  
*Priority Document No.* No. 01201260.5 *Dated : 05/04/2001*  
*Name of the Applicant* Koninklijke philips electronics N.V., Netherlands  
*Title of Invention* Time - scale modification of signals applying techniques specific to determined signal types
23. *Nationalphase App.No* IN/PCT/2002/01998/CHE *Dated : 04.12.2002*  
*Corres.PCT App.No* PCT/US01/17950 *Dated : 05.06.2001*  
*Priority Document No.* Nos. 09/591, 105; 09/785, 554 *Dated : 09/06/2000*  
*Name of the Applicant* Calyx therapeutics, Inc., USA  
*Title of Invention* Novel hetrocyclic analogs of diphenylethylene compounds
24. *Nationalphase App.No* IN/PCT/2002/01999/CHE *Dated : 04.12.2002*  
*Corres.PCT App.No* PCT/JP01/04887 *Dated : 11.06.2001*  
*Priority Document No.* No. 2000 - 176844 *Dated : 13/06/2000*  
*Name of the Applicant* Shionogi & Co., Ltd, Japan  
*Title of Invention* Medicinal compositions containing propenone derivatives



25. Nationalphase App.No IN/PCT/2002/02000/CHE Dated : 04.12.2002  
Corres.PCT App.No PCT/GB01/01881 Dated : 30.04.2001  
Priority Document No. No. 0011506.3 Dated : 12/05/2000  
Name of the Applicant Pethania, Allarakhu & others, Great Britain  
Title of Invention Colour management
26. Nationalphase App.No IN/PCT/2002/02001/CHE Dated : 04.12.2002  
Corres.PCT App.No PCT/EP01/06128 Dated : 30.05.2001  
Priority Document No. Nos. 100 26 786.6; 100 54 649.8 Dated : 31/05/2000  
Name of the Applicant Basell polyolefine GmbH, Germany  
Title of Invention Preparation of transition metal compounds and their use for polymerization of olefins
27. Nationalphase App.No IN/PCT/2002/02002/CHE Dated : 04.12.2002  
Corres.PCT App.No PCT/EP01/06664 Dated : 13.06.2001  
Priority Document No. No. 100 28 432.9 Dated : 13/06/2000  
Name of the Applicant Basell polyolefine GmbH, Germany  
Title of Invention Catalyst solid supported on calcined hydrotalcite for olefin polymerization
28. Nationalphase App.No IN/PCT/2002/02003/CHE Dated : 04.12.2002  
Corres.PCT App.No PCT/DK01/00333 Dated : 10.05.2001  
Priority Document No. No. PA 200000783 Dated : 12/05/2000  
Name of the Applicant H. Lundbeck A/S, Denmark  
Title of Invention Method for the preparation of citalopram
29. Nationalphase App.No IN/PCT/2002/02004/CHE Dated : 04.12.2002  
Corres.PCT App.No PCT/EP01/05994 Dated : 25.05.2001  
Priority Document No. No. 0013839.6 Dated : 07/06/2000  
Name of the Applicant Ciba speciality chemicals water treatments limited, Switzerland  
Title of Invention Water swellable compositions
30. Nationalphase App.No IN/PCT/2002/02005/CHE Dated : 04.12.2002  
Corres.PCT App.No PCT/EP01/06430 Dated : 07.06.2001  
Priority Document No. No. 1151/00 Dated : 09/06/2000  
Name of the Applicant Syngenta participations AG, Switzerland  
Title of Invention Substituted pyridine herbicides

31. National phase App.No IN/PCT/2002/02006/CHE  
Corres.PCT App.No PCT/NO01/00221 Dated : 05.12.2002  
Priority Document No. No. 20002889 Dated : 29.05.2001  
Name of the Applicant Elkem ASA, Norway Dated : 07/06/2000  
Title of Invention Electrolytic cell for the production of aluminium and a method for maintaining a crust on a sidewall and for recovering electricity
32. National phase App.No IN/PCT/2002/02007/CHE  
Corres.PCT App.No PCT/FR01/01752 Dated : 05.12.2002  
Priority Document No. No. 00/07321 Dated : 07.06.2001  
Name of the Applicant Giat industries, France Dated : 08/06/2000  
Title of Invention Process to extend the encoding capacities of the PDF 417 bar code
33. National phase App.No IN/PCT/2002/02008/CHE  
Corres.PCT App.No PCT/JP02/07300 Dated : 05.12.2002  
Priority Document No. No. 241387/2001 Dated : 18.07.2002  
Name of the Applicant Sumitomo metal mining co., Ltd., Japan Dated : 08/08/2001  
Title of Invention Photocatalyst with catalytic activity even in visible - light range
34. National phase App.No IN/PCT/2002/02009/CHE  
Corres.PCT App.No PCT/JP02/07301 Dated : 05.12.2002  
Priority Document No. Nos. 241386/2001; 184094/2002 Dated : 18.07.2002  
Name of the Applicant Sumitomo metal mining co., Ltd., Japan Dated : 08/08/2001  
Title of Invention Photocatalyst with catalytic activity even in visible - light range
35. National phase App.No IN/PCT/2002/02010/CHE  
Corres.PCT App.No PCT/DE02/01237 Dated : 05.12.2002  
Priority Document No. Nos. 101 17 093.9; 101 38 362.2 Dated : 05.04.2002  
Name of the Applicant Robert Bosch GMBH, Germany Dated : 06/04/2001  
Title of Invention Single - plunger injection pump for a common rail fuel injection system
36. National phase App.No IN/PCT/2002/02011/CHE  
Corres.PCT App.No PCT/EP01/06359 Dated : 05.12.2002  
Priority Document No. No. 00304809.7 Dated : 01.06.2001  
Name of the Applicant International Coatings Limited & others, UK Dated : 06/06/2000  
Title of Invention Antifouling coating composition comprising a fluorinated resin
37. National phase App.No IN/PCT/2002/02012/CHE  
Corres.PCT App.No PCT/US01/18494 Dated : 05.12.2002  
Priority Document No. No. 09/590, 777; 60/210, 581 Dated : 08.06.2001  
Name of the Applicant Powderject vaccines, Inc., USA Dated : 08/06/2000  
Title of Invention Powder compositions

38. Nationalphase App.No IN/PCT/2002/02013/CHE Dated : 05.12.2002  
Corres.PCT App.No PCT/SG00/00083 Dated : 09.06.2000  
Priority Document No. nil Dated : nil  
Name of the Applicant TEO, Seng, kee, Bahby, Singapore  
Title of Invention An alphabet character input device
39. Nationalphase App.No IN/PCT/2002/02014/CHE Dated : 05.12.2002  
Corres.PCT App.No PCT/US01/17562 Dated : 30.05.2001  
Priority Document No. No. 60/209, 739 Dated : 06/06/2000  
Name of the Applicant Dow global technologies Inc., USA  
Title of Invention. Epoxy based reinorcing patches with improved adhesion to oily metal surfaces
40. Nationalphase App.No IN/PCT/2002/02015/CHE Dated : 05.12.2002  
Corres.PCT App.No PCT/SE01/01155 Dated : 22.05.2001  
Priority Document No. No. 0001899 - 4 Dated : 22/05/2000  
Name of the Applicant Biovitrum AB, Sweden  
Title of Invention Inhibitors of 11 - beta - hydroxy steroid dehydrogenase type I
41. Nationalphase App.No IN/PCT/2002/02016/CHE Dated : 05.12.2002  
Corres.PCT App.No PCT/SE01/01156 Dated : 22.05.2001  
Priority Document No. No. 0001899 - 4 Dated : 22/05/2000  
Name of the Applicant Biovitrum AB, Sweden  
Title of Invention Inhibitors of 11 - beta - hydroxy steroid dehydrogenase type I
42. Nationalphase App.No IN/PCT/2002/02017/CHE Dated : 05.12.2002  
Corres.PCT App.No PCT/SE01/01157 Dated : 22.05.2001  
Priority Document No. No. 0001899 - 4 Dated : 22/05/2000  
Name of the Applicant Biovitrum AB, Sweden  
Title of Invention Inhibitors of 11 - beta - hydroxy steroid dehydrogenase type I
43. Nationalphase App.No IN/PCT/2002/02018/CHE Dated : 05.12.2002  
Corres.PCT App.No PCT/FR01/01759 Dated : 07.06.2001  
Priority Document No. No. 00/07396 Dated : 09/06/2000  
Name of the Applicant Aventis pharma S.A., France  
Title of Invention 4, 5 - dihydro - thiazo - 2 - ylamine derivatives and their use as no synthase inhibitors
44. Nationalphase App.No IN/PCT/2002/02019/CHE Dated : 05.12.2002  
Corres.PCT App.No PCT/FR01/01760 Dated : 07.06.2001  
Priority Document No. No. 00/07397 Dated : 09/06/2000  
Name of the Applicant Aventis pharma S.A., France  
Title of Invention 2 - Aminothiazoline derivatives and their use as no - synthase inhibitors

- |    |                       |  |                    |
|----|-----------------------|--|--------------------|
| 45 | Nationalphase App.No  | IN/PCT/2002/02020/CHE  | Dated : 09.12.2002 |
|    | Corres.PCT App.No     | PCT/US01/14881   | Dated : 01.01.1900 |
|    | Priority Document No. | No. 60/203, 039  | Dated : 09/05/2000 |
|    | Name of the Applicant | Advanced Navigation & Positioning Corporation, & others, U.S.A.        |                    |
|    | Title of Invention    | Transponder landing system   |                    |
| 46 | Nationalphase App.No  | IN/PCT/2002/02021/CHE  | Dated : 09.12.2002 |
|    | Corres.PCT App.No     | PCT/US01/14883   | Dated : 01.01.1900 |
|    | Priority Document No. | No. 60/203, 039  | Dated : 09/05/2000 |
|    | Name of the Applicant | M/S. Advanced Navigation & Positioning Corporation, & others, , U.S.A. |                    |
|    | Title of Invention    | Vehicle surveillance system  |                    |
| 47 | Nationalphase App.No  | IN/PCT/2002/02022/CHE  | Dated : 09.12.2002 |
|    | Corres.PCT App.No     | PCT/EP01/06535   | Dated : 08.06.2001 |
|    | Priority Document No. | Nos. 0014313.1, 0019997.6  | Dated : 12/06/2000 |
|    | Name of the Applicant | Ole - Bendt Rasmussen, Netherlands                                     |                    |
|    | Title of Invention    | Cross - laminate of films and method of manufacturing                  |                    |
| 48 | Nationalphase App.No  | IN/PCT/2002/02023/CHE  | Dated : 09.12.2002 |
|    | Corres.PCT App.No     | PCT/FI01/00455   | Dated : 11.05.2001 |
|    | Priority Document No. | No. 20001120   | Dated : 11/05/2000 |
|    | Name of the Applicant | Clothing plus OY, Finland  |                    |
|    | Title of Invention    | Wearable projector and intelligent clothing                            |                    |
| 49 | Nationalphase App.No  | IN/PCT/2002/02024/CHE  | Dated : 09.12.2002 |
|    | Corres.PCT App.No     | PCT/EP01/04809   | Dated : 28.04.2001 |
|    | Priority Document No. | No. 00110404.1   | Dated : 16/05/2000 |
|    | Name of the Applicant | SIPCA Holding S.A., Switzerland  |                    |
|    | Title of Invention    | Method, device and security system, all for authenticating a marking   |                    |
| 50 | Nationalphase App.No  | IN/PCT/2002/02025/CHE  | Dated : 09.12.2002 |
|    | Corres.PCT App.No     | PCT/US01/40857   | Dated : 06.06.2001 |
|    | Priority Document No. | No. 09/591, 734  | Dated : 12/06/2000 |
|    | Name of the Applicant | Gas technology institute, USA  |                    |
|    | Title of Invention    | Low NOx pulverized solid fuel combustion process and apparatus         |                    |

51. Nationalphase App.No IN/PCT/2002/02026/CHE Dated : 09.12.2002  
Corres.PCT App.No PCT/JP01/04935 Dated : 12.06.2001  
Priority Document No. No. 2000 - 181625 Dated : 16/06/2000  
Name of the Applicant Research institute of innovative technology for the earth, Japan  
Title of Invention Process for producing ethanol by using recombinant coryneform bacterium
52. Nationalphase App.No IN/PCT/2002/02027/CHE Dated : 09.12.2002  
Corres.PCT App.No PCT/EP01/06152 Dated : 30.05.2001  
Priority Document No. No. 100 28 958.4 Dated : 16/06/2000  
Name of the Applicant SAB WABCO BSI Verkehrstechnik Products GmbH, Germany  
Title of Invention Breake disk for a disk brake
53. Nationalphase App.No IN/PCT/2002/02028/CHE Dated : 09.12.2002  
Corres.PCT App.No PCT/IB02/01250 Dated : 08.04.2002  
Priority Document No. No. 0104862 Dated : 10/04/2001  
Name of the Applicant Koninklijke philips electronics N.V., Netherlands  
Title of Invention Method and device for post - processing digital images
54. Nationalphase App.No IN/PCT/2002/02029/CHE Dated : 10.12.2002  
Corres.PCT App.No PCT/EP01/06565 Dated : 11.06.2001  
Priority Document No. Nos. 60/211, 262; 60/231, 632 Dated : 13/06/2000  
Name of the Applicant Basf aktiengesellschaft, Germany  
Title of Invention Fungicidal 5 - phenyl substituted 2 - (Cyanoamino) pyrimidines
55. Nationalphase App.No IN/PCT/2002/02030/CHE Dated : 10.12.2002  
Corres.PCT App.No PCT/SE01/01026 Dated : 11.05.2001  
Priority Document No. No. 0002250 - 9 Dated : 15/06/2000  
Name of the Applicant Uddeholm tooling aktiebolag, Sweden  
Title of Invention Steel alloy, plastic moulding tool and tough - hardened blank for plastic moulding tools
56. Nationalphase App.No IN/PCT/2002/02031/CHE Dated : 10.12.2002  
Corres.PCT App.No PCT/EP01/06541 Dated : 08.06.2001  
Priority Document No. No. 00112577.2 Dated : 14/06/2000  
Name of the Applicant F. Hoffmann - La Roche AG, Switzerland  
Title of Invention Beta - amino acid nitrile derivatives
57. Nationalphase App.No IN/PCT/2002/02032/CHE Dated : 10.12.2002  
Corres.PCT App.No PCT/EP01/05702 Dated : 17.05.2001  
Priority Document No. No. 09/573, 872 Dated : 18/05/2000  
Name of the Applicant Bayer bioscience N.V., Belgium  
Title of Invention Novel toxins

- |     |                       |   |                    |
|-----|-----------------------|---|--------------------|
| 58. | National phase App.No | IN/PCT/2002/02033/CHE   | Dated : 10.12.2002 |
|     | Corres.PCT App.No     | PCT/US01/16109  | Dated : 17.05.2001 |
|     | Priority Document No. | No. 00112621.8  | Dated : 14/06/2000 |
|     | Name of the Applicant | 3M innovative properties, USA   |                    |
|     | Title of Invention    | Laminate and its use  |                    |
| 59. | National phase App.No | IN/PCT/2002/02034/CHE   | Dated : 10.12.2002 |
|     | Corres.PCT App.No     | PCT/JP02/10789  | Dated : 10.12.2001 |
|     | Priority Document No. | No. 2000 - 394152   | Dated : 26/12/2000 |
|     | Name of the Applicant | Idemitsu kosan co. ltd., Japan  |                    |
|     | Title of Invention    | Organic electroluminescence device  |                    |
| 60. | National phase App.No | IN/PCT/2002/02035/CHE   | Dated : 10.12.2002 |
|     | Corres.PCT App.No     | PCT/GB01/02563  | Dated : 11.06.2001 |
|     | Priority Document No. | No. 0014465.9   | Dated : 14/06/2000 |
|     | Name of the Applicant | British american tobacco (investments) limited, UK                                |                    |
|     | Title of Invention    | Smokable filler material containing a fruit material                              |                    |
| 61. | National phase App.No | IN/PCT/2002/02036/CHE   | Dated : 11.12.2002 |
|     | Corres.PCT App.No     | PCT/US01/19025  | Dated : 13.06.2001 |
|     | Priority Document No. | No. 60/211, 724   | Dated : 15/06/2000 |
|     | Name of the Applicant | Schering corporation, USA   |                    |
|     | Title of Invention    | Thrombin receptor antagonists   |                    |
| 62. | National phase App.No | IN/PCT/2002/02037/CHE   | Dated : 11.12.2002 |
|     | Corres.PCT App.No     | PCT/FR01/01831  | Dated : 13.06.2001 |
|     | Priority Document No. | No. 00 07555  | Dated : 14/06/2000 |
|     | Name of the Applicant | Aventis pharma S.A., France   |                    |
|     | Title of Invention    | Combinatorial libraries enhanced by recombination in yeast, and analytical method |                    |
| 63. | National phase App.No | IN/PCT/2002/02038/CHE   | Dated : 11.12.2002 |
|     | Corres.PCT App.No     | PCT/EP01/04468  | Dated : 19.04.2001 |
|     | Priority Document No. | No. 09/571, 355   | Dated : 15/05/2000 |
|     | Name of the Applicant | Pharmacia italia S.p.A. & others, USA   |                    |
|     | Title of Invention    | Aromatase inhibitors and monoclonal anti - her2 antibodies as atitumours agents   |                    |
| 64. | National phase App.No | IN/PCT/2002/02039/CHE   | Dated : 11.12.2002 |
|     | Corres.PCT App.No     | PCT/US01/19525  | Dated : 19.06.2001 |
|     | Priority Document No. | No. 06/212, 428   | Dated : 19/06/2000 |
|     | Name of the Applicant | Kimberly clark worldwide inc., USA  |                    |
|     | Title of Invention    | Novel photoinitiators and applications therefor                                   |                    |

65. Nationalphase App.No IN/PCT/2002/02040/CHE Dated : 11.12.2002  
Corres.PCT App.No PCT/SE01/01158 Dated : 22.05.2001  
Priority Document No. No. 0001899 - 4 Dated : 22/05/2000  
Name of the Applicant Biovitrum AB, Sweden  
Title of Invention Inhibitors of 11 - beta - hydroxy steroid dehydrogenase type 1
66. Nationalphase App.No IN/PCT/2002/02041/CHE Dated : 11.12.2002  
Corres.PCT App.No PCT/HR01/00027 Dated : 16.05.2001  
Priority Document No. No. P20000310A Dated : 17/05/2000  
Name of the Applicant Pliva farmaceutska industrija, dionicko drustvo, Croatia  
Title of Invention Thienodibenzoazulene compounds as tumor necrosis factor inhibitors
67. Nationalphase App.No IN/PCT/2002/02042/CHE Dated : 11.12.2002  
Corres.PCT App.No PCT/HR00/00033 Dated : 25.09.2000  
Priority Document No. No. P20000328A Dated : 19/05/2000  
Name of the Applicant Pliva farmaceutska industrija, dionicko drustvo, Croatia  
Title of Invention Novel polymorph V of torasemide
68. Nationalphase App.No IN/PCT/2002/02043/CHE Dated : 11.12.2002  
Corres.PCT App.No PCT/IB02/01231 Dated : 04.04.2002  
Priority Document No. No. 01201346.2 Dated : 12/04/2001  
Name of the Applicant Koninklijke philips electronics N.V., Netherlands  
Title of Invention Watermark embedding
69. Nationalphase App.No IN/PCT/2002/02044/CHE Dated : 11.12.2002  
Corres.PCT App.No PCT/US01/14851 Dated : 01.01.1900  
Priority Document No. No. 09/592, 118 Dated : 12/06/2000  
Name of the Applicant Reed, Gary J., 1015, South Soderquist Road, turlock, California 95380,  
Title of Invention Thread replacement system and device
70. Nationalphase App.No IN/PCT/2002/02045/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/AU00/00741 Dated : 30.06.2000  
Priority Document No. nil Dated : nil  
Name of the Applicant Silver Brook Research Pty Ltd., Australia.  
Title of Invention Print cartridge with air filtering means.
71. Nationalphase App.No IN/PCT/2002/02046/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/AU00/00742 Dated : 30.06.2000  
Priority Document No. nil Dated : nil  
Name of the Applicant Silver Brook Research Pty Ltd., Australia.  
Title of Invention Ink Cartridge with ink reservoirs and pellets.

- |     |                       |   |                    |
|-----|-----------------------|---|--------------------|
| 72. | Nationalphase App.No  | IN/PCT/2002/02047/CHE                       | Dated : 12.12.2002 |
|     | Corres.PCT App.No     | PCT/AU00/00743                              | Dated : 30.06.2000 |
|     | Priority Document No. | nil   | Dated : nil        |
|     | Name of the Applicant | Silver Brook Research Pty Ltd., Australia.  |                    |
|     | Title of Invention    | A capping mechanism for a print engine.     |                    |
| 73. | Nationalphase App.No  | IN/PCT/2002/02048/CHE                       | Dated : 12.12.2002 |
|     | Corres.PCT App.No     | PCT/AU00/00744                              | Dated : 30.06.2000 |
|     | Priority Document No. | nil   | Dated : nil        |
|     | Name of the Applicant | Silver Brook Research Pty Ltd., Australia.  |                    |
|     | Title of Invention    | An ink supply assembly for a print engine.  |                    |
| 74. | Nationalphase App.No  | IN/PCT/2002/02049/CHE                       | Dated : 12.12.2002 |
|     | Corres.PCT App.No     | PCT/AU00/00745                              | Dated : 30.06.2000 |
|     | Priority Document No. | nil   | Dated : nil        |
|     | Name of the Applicant | Silver Brook Research Pty Ltd., Australia.  |                    |
|     | Title of Invention    | A print engine including an air pump.       |                    |
| 75. | Nationalphase App.No  | IN/PCT/2002/02050/CHE                       | Dated : 12.12.2002 |
|     | Corres.PCT App.No     | PCT/AU00/00746                              | Dated : 30.06.2000 |
|     | Priority Document No. | nil   | Dated : nil        |
|     | Name of the Applicant | Silver Brook Research Pty Ltd., Australia.  |                    |
|     | Title of Invention    | An ejector mechanism for a print engine.    |                    |
| 76. | Nationalphase App.No  | IN/PCT/2002/02051/CHE                       | Dated : 12.12.2002 |
|     | Corres.PCT App.No     | PCT/AU00/00747                              | Dated : 30.06.2000 |
|     | Priority Document No. | nil   | Dated : nil        |
|     | Name of the Applicant | Silver Brook Research Pty Ltd., Australia.  |                    |
|     | Title of Invention    | A separating device for a print engine.     |                    |
| 77. | Nationalphase App.No  | IN/PCT/2002/02052/CHE                       | Dated : 12.12.2002 |
|     | Corres.PCT App.No     | PCT/AU00/00748                              | Dated : 30.06.2000 |
|     | Priority Document No. | nil   | Dated : nil        |
|     | Name of the Applicant | Silver Brook Research Pty Ltd., Australia.  |                    |
|     | Title of Invention    | An ink feed arrangement for a print engine. |                    |
| 78. | Nationalphase App.No  | IN/PCT/2002/02053/CHE                       | Dated : 12.12.2002 |
|     | Corres.PCT App.No     | PCT/AU00/00749                              | Dated : 30.06.2000 |
|     | Priority Document No. | nil   | Dated : nil        |
|     | Name of the Applicant | Silver Brook Research Pty Ltd., Australia.  |                    |
|     | Title of Invention    | Buckle resistant thermal bend actuators.    |                    |



79. Nationalphase App.No IN/PCT/2002/02054/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/AU00/00750 Dated : 30.06.2000  
Priority Document No. nil Dated : nil  
Name of the Applicant Silver Brook Research Pty Ltd., Australia.  
Title of Invention Ink jet fault tolerance using oversize drops.
80. Nationalphase App.No IN/PCT/2002/02055/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/AU00/00751 Dated : 30.06.2000  
Priority Document No. nil Dated : nil  
Name of the Applicant Silver Brook Research Pty Ltd., Australia.  
Title of Invention Ink jet fault tolerance using extra ink dots.
81. Nationalphase App.No IN/PCT/2002/02056/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/AU00/00752 Dated : 30.06.2000  
Priority Document No. nil Dated : nil  
Name of the Applicant Silver Brook Research Pty Ltd., Australia.  
Title of Invention Ink jet fault tolerance using adjacent nozzles.
82. Nationalphase App.No IN/PCT/2002/02057/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/AU00/00754 Dated : 30.06.2000  
Priority Document No. nil Dated : nil  
Name of the Applicant Silver Brook Research Pty Ltd., Australia.  
Title of Invention Print engine/controller to work in multiples and a printhead driven by multiple print engine/controllers.
83. Nationalphase App.No IN/PCT/2002/02058/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/AU00/00755 Dated : 30.06.2000  
Priority Document No. nil Dated : nil  
Name of the Applicant Silver Brook Research Pty Ltd., Australia.  
Title of Invention Controlling the timing of printhead nozzle firing.
84. Nationalphase App.No IN/PCT/2002/02059/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/AU00/00756 Dated : 30.06.2000  
Priority Document No. nil Dated : nil  
Name of the Applicant Silver Brook Research Pty Ltd., Australia.  
Title of Invention Printing with a multi-segment printhead.
85. Nationalphase App.No IN/PCT/2002/02060/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/AU00/00757 Dated : 30.06.2000  
Priority Document No. nil Dated : nil  
Name of the Applicant Silver Brook Research Pty Ltd., Australia.  
Title of Invention Data package template with data embedding.

86. National phase App.No IN/PCT/2002/02061/CHE  
 Corres. PCT App.No PCT/DE02/01317 Dated : 12.12.2002  
 Priority Document No. No. 101 18 884.6 Dated : 10.04.2002  
 Name of the Applicant Robert Bosch GmbH, Germany. Dated : 18/04/2001  
 Title of Invention High pressure fuel pump for a fuel system of a direct injection internal combustion engine, fuel system and internal combustion engine.
87. National phase App.No IN/PCT/2002/02062/CHE  
 Corres. PCT App.No PCT/US01/18102 Dated : 12.12.2002  
 Priority Document No. No. 09/594,388 Dated : 05.06.2001  
 Name of the Applicant Sachin Gupte, U.S.A. Dated : 15/06/2000  
 Title of Invention Methods of potentiating organic nitrates having vasodilating activity and formulations for the same.
88. National phase App.No IN/PCT/2002/02063/CHE  
 Corres. PCT App.No PCT/EP01/06748 Dated : 12.12.2002  
 Priority Document No. No.00305173.7 Dated : 13.06.2001  
 Name of the Applicant Texaco Development corporation, USA. Dated : 19/06/2000  
 Title of Invention Heat - transfer fluid containing nano-particles and carboxylates.
89. National phase App.No IN/PCT/2002/02064/CHE  
 Corres. PCT App.No PCT/SE01/01145 Dated : 12.12.2002  
 Priority Document No. No. 0001893-7 Dated : 22.05.2001  
 Name of the Applicant Pharmacia AB, Sweden. Dated : 22/05/2000  
 Title of Invention Medical arrangement.
90. National phase App.No IN/PCT/2002/02065/CHE  
 Corres. PCT App.No PCT/SE01/01146 Dated : 12.12.2002  
 Priority Document No. No. 0001894-5 Dated : 22.05.2001  
 Name of the Applicant Pharmacia AB, Sweden. Dated : 22/05/2000  
 Title of Invention Medical device
91. National phase App.No IN/PCT/2002/02066/CHE  
 Corres. PCT App.No PCT/US01/18947 Dated : 12.12.2002  
 Priority Document No. No. 60/211,692 Dated : 13.06.2001  
 Name of the Applicant The Dow Chemical Company, U.S.A. Dated : 14/06/2000  
 Title of Invention Asphalt emulsion based damping.

92. Nationalphase App.No IN/PCT/2002/02067/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/NZ01/00113 Dated : 15.06.2001  
Priority Document No. No. 502796 Dated : 15/06/2000  
Name of the Applicant Olli Vis A-Pekka Ritvos, Finland,  
Title of Invention Nucleotide and amino acid sequences of oocyte factors for altering ovarian follicular growth in vivo or in vitro.
93. Nationalphase App.No IN/PCT/2002/02068/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/EP01/07023 Dated : 20.06.2001  
Priority Document No. No.00305209.9 Dated : 20/06/2000  
Name of the Applicant Shell Internationale Research Maatschappij B.V., Netherlands.  
Title of Invention System for creating a conduit in a borehole formed in an earth formation.
94. Nationalphase App.No IN/PCT/2002/02069/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/US01/19979 Dated : 22.06.2001  
Priority Document No. No. 60/213,420 Dated : 22/06/2000  
Name of the Applicant 3M innovative properties company, US  
Title of Invention Systems and methods for treating a mucosal surface.
95. Nationalphase App.No IN/PCT/2002/02070/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/EP01/06506 Dated : 08.06.2001  
Priority Document No. No.00113219.0 Dated : 21/06/2000  
Name of the Applicant F Hoffmann-La Roche AG, Switzerland.  
Title of Invention Benzothiazole derivatives.
96. Nationalphase App.No IN/PCT/2002/02071/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/IB02/01280 Dated : 09.04.2002  
Priority Document No. No. 01890115.7 Dated : 13/04/2001  
Name of the Applicant Koninklijke Philips Electronics N.V., Netherlands.  
Title of Invention Speaker verification in a spoken dialogue system.
97. Nationalphase App.No IN/PCT/2002/02072/CHE Dated : 12.12.2002  
Corres.PCT App.No PCT/US01/41074 Dated : 01.01.1900  
Priority Document No. No. 60/212499 Dated : 20/06/2000  
Name of the Applicant Klauder, Louis T. Jr., U.S.A.  
Title of Invention Railroad curve transition spiral design method based on control of vehicle banking motion.
98. Nationalphase App.No IN/PCT/2002/02073/CHE Dated : 13.12.2002  
Corres.PCT App.No PCT/JP02/03895 Dated : 19.04.2002  
Priority Document No. Nos. 2001 - 123344; 2001 - 125648; Dated : 20/04/2001  
Name of the Applicant Honda giken kabushiki kaisha, Japan  
Title of Invention Control system for plant

- |                           |   |                    |
|---------------------------|---|--------------------|
| 99. Nationalphase App.No  | IN/PCT/2002/02074/CHE   | Dated : 13.12.2002 |
| Corres.PCT App.No         | PCT/EP01/06417  | Dated : 06.06.2001 |
| Priority Document.No.     | No. 100 29 169.4  | Dated : 19/06/2001 |
| Name of the Applicant     | Bayer cropscience GmbH, Germany   |                    |
| Title of Invention        | Herbicidal compositions   |                    |
| 100. Nationalphase App.No | IN/PCT/2002/02075/CHE   | Dated : 13.12.2002 |
| Corres.PCT App.No         | PCT/GB01/02420  | Dated : 31.05.2001 |
| Priority Document No.     | No. 0015027.6   | Dated : 21/06/2000 |
| Name of the Applicant     | PPG Industries ohio, Inc., USA  |                    |
| Title of Invention        | Aqueous coating composition   |                    |
| 101. Nationalphase App.No | IN/PCT/2002/02076/CHE   | Dated : 13.12.2002 |
| Corres.PCT App.No         | PCT/SE01/00682  | Dated : 28.03.2001 |
| Priority Document No.     | Nos. 00850116.5; 60/213, 517  | Dated : 22/06/2000 |
| Name of the Applicant     | Akzo Nobel N.V., Netherlands  |                    |
| Title of Invention        | Construction material   |                    |
| 102. Nationalphase App.No | IN/PCT/2002/02077/CHE   | Dated : 13.12.2002 |
| Corres.PCT App.No         | PCT/US01/20607  | Dated : 27.06.2001 |
| Priority Document No.     | No. 09/606, 784   | Dated : 28/06/2000 |
| Name of the Applicant     | Qualcomm incorporated, USA  |                    |
| Title of Invention        | System, method, and apparatus for access channel traffic management               |                    |
| 103. Nationalphase App.No | IN/PCT/2002/02078/CHE   | Dated : 13.12.2002 |
| Corres.PCT App.No         | PCT/EP01/06041  | Dated : 23.05.2001 |
| Priority Document.No.     | Nos. 0001925 - 7; 0004830 - 6   | Dated : 23/05/2000 |
| Name of the Applicant     | Pharmacia Groningen B V, Netherlands  |                    |
| Title of Invention        | Methods of obtaining ophthalmic lenses providing the eye with reduced aberrations |                    |
| 104. Nationalphase App.No | IN/PCT/2002/02079/CHE   | Dated : 13.12.2002 |
| Corres.PCT App.No         | PCT/EP01/06040  | Dated : 23.05.2001 |
| Priority Document No.     | No. 0001934 - 9   | Dated : 24/05/2000 |
| Name of the Applicant     | Pharmacia Groningen B V, Netherlands  |                    |
| Title of Invention        | Methods of pre - selecting a polymerizable fluid formed into an intraocular lens  |                    |

105. Nationalphase App.No IN/PCT/2002/02080/CHE Dated : 13.12.2002  
Corres.PCT App.No PCT/DK01/00418 Dated : 15.06.2001  
Priority Document No. Nos. PA 2000 00932; PA 2001 00372 Dated : 16/06/2000  
Name of the Applicant Novo Nordisk A/S, Denmark  
Title of Invention Injection device
106. Nationalphase App.No IN/PCT/2002/02081/CHE Dated : 13.12.2002  
Corres.PCT App.No PCT/US01/19317 Dated : 15.06.2001  
Priority Document No. No. 09/594, 937 Dated : 15/06/2000  
Name of the Applicant OSC LLC, USA  
Title of Invention A bridging device for mapping/ demapping ethernet packet data directly onto and from a somnet network
107. Nationalphase App.No IN/PCT/2002/02082/CHE Dated : 13.12.2002  
Corres.PCT App.No PCT/US01/14850 Dated : 01.01.1900  
Priority Document No. No. 09/592, 087 Dated : 12/06/2000  
Name of the Applicant Mr. Khalidi, Tariq, USA  
Title of Invention Automated competitive bidding system and process
108. Nationalphase App.No IN/PCT/2002/02083/CHE Dated : 16.12.2002  
Corres.PCT App.No PCT/FR01/01647 Dated : 29.05.2001  
Priority Document No. No. 00/06920 Dated : 30/05/2000  
Name of the Applicant Invensil, France  
Title of Invention Silicon powder for preparing alkyl - or aryl - halogenosilanes
109. Nationalphase App.No IN/PCT/2002/02084/CHE Dated : 16.12.2002  
Corres.PCT App.No PCT/EP01/05796 Dated : 21.05.2001  
Priority Document No. No. 00810462.2 Dated : 26/05/2000  
Name of the Applicant Ciba speciality chemicals holding inc., Switzerland  
Title of Invention Process for preparing solutions of anionic organic compounds
110. Nationalphase App.No IN/PCT/2002/02085/CHE Dated : 16.12.2002  
Corres.PCT App.No PCT/EP01/06933 Dated : 20.06.2001  
Priority Document No. No. 100 31 586.0 Dated : 29/06/2000  
Name of the Applicant Basell polyolefine GmbH, Germany  
Title of Invention Hydraulically controlled pressure - relief valve for high + pressure reactors
111. Nationalphase App.No IN/PCT/2002/02086/CHE Dated : 16.12.2002  
Corres.PCT App.No PCT/IT01/00245 Dated : 17.05.2001  
Priority Document No. No. 00830362.0 Dated : 19/05/2000  
Name of the Applicant Deoflor S.p.A., Italy  
Title of Invention A cleansing device for WC pans

- |                           |  |                    |
|---------------------------|--|--------------------|
| 112. Nationalphase App.No | IN/PCT/2002/02087/CHE  | Dated : 16.12.2002 |
| Corres.PCT App.No         | PCT/IL01/00430   | Dated : 15.05.2001 |
| Priority Document No.     | 09/573, 528  | Dated : 17/05/2000 |
| Name of the Applicant     | Card guard scientific survival ltd., Israel  |                    |
| Title of Invention        | Photoacoustic material analysis  |                    |
| 113. Nationalphase App.No | IN/PCT/2002/02088/CHE  | Dated : 16.12.2002 |
| Corres.PCT App.No         | PCT/NO01/00217   | Dated : 23.05.2001 |
| Priority Document No.     | No. 20002652   | Dated : 24/05/2000 |
| Name of the Applicant     | Magtech AS, Norway   |                    |
| Title of Invention        | Magnetic controlled current or voltage regulator and transformer   |                    |
| 114. Nationalphase App.No | IN/PCT/2002/02089/CHE  | Dated : 16.12.2002 |
| Corres.PCT App.No         | PCT/US01/16566   | Dated : 22.05.2001 |
| Priority Document No.     | No. 60/208, 017  | Dated : 26/05/2000 |
| Name of the Applicant     | Merck & Co., Inc., USA   |                    |
| Title of Invention        | 5 - chloro - 3 - (4 - methanesulfonylphenyl) - 6 - methyl - [2,3'] Bipyridinyl<br>in pure crystalline form and process for synthesis |                    |
| 115. Nationalphase App.No | IN/PCT/2002/02090/CHE  | Dated : 16.12.2002 |
| Corres.PCT App.No         | PCT/US01/16950   | Dated : 24.05.2001 |
| Priority Document No.     | No. 60/208, 426  | Dated : 25/05/2000 |
| Name of the Applicant     | The Holland group, INC., USA   |                    |
| Title of Invention        | Height control system and sensor therefor  |                    |
| 116. Nationalphase App.No | IN/PCT/2002/02091/CHE  | Dated : 16.12.2002 |
| Corres.PCT App.No         | PCT/US01/19549   | Dated : 19.06.2001 |
| Priority Document No.     | Nos. 09/597, 923; 09/884, 295  | Dated : 19/06/2000 |
| Name of the Applicant     | Maumee research & engineering, Inc., USA   |                    |
| Title of Invention        | Furnace flue dust processing method  |                    |
| 117. Nationalphase App.No | IN/PCT/2002/02092/CHE  | Dated : 16.12.2002 |
| Corres.PCT App.No         | PCT/US01/19329   | Dated : 15.06.2001 |
| Priority Document No.     | No. 60/211, 725  | Dated : 15/06/2000 |
| Name of the Applicant     | Orion's belt, Inc., USA  |                    |
| Title of Invention        | Method of and system for determining connections between parties over<br>a network   |                    |
| 118. Nationalphase App.No | IN/PCT/2002/02093/CHE  | Dated : 16.12.2002 |
| Corres.PCT App.No         | PCT/IB01/01016   | Dated : 11.06.2001 |
| Priority Document No.     | No. MI2000A001359  | Dated : 16/06/2000 |
| Name of the Applicant     | Pedulla, Christian, pio & others, Italy  |                    |
| Title of Invention        | Multiple mobile power socket   |                    |

119. Nationalphase App.No IN/PCT/2002/02094/CHE Dated : 17.12.2002  
Corres.PCT App.No PCT/JP01/04379 Dated : 24.05.2001  
Priority Document No. No. 2000 - 171345 Dated : 08/06/2000  
Name of the Applicant Toyota jidosha kabushiki kaisha, Japan  
Title of Invention Fuel supply system for fuel cells and movable body
120. Nationalphase App.No IN/PCT/2002/02095/CHE Dated : 17.12.2002  
Corres.PCT App.No PCT/US00/13621 Dated : 17.05.2000  
Priority Document No. nil Dated : nil  
Name of the Applicant Tetron, Inc., USA  
Title of Invention Method and apparatus for delivering metallurgically improved molten metal
121. Nationalphase App.No IN/PCT/2002/02096/CHE Dated : 17.12.2002  
Corres.PCT App.No PCT/IB02/01297 Dated : 09.04.2002  
Priority Document No. No. 01201404.9 Dated : 18/04/2001  
Name of the Applicant Koninklijke Philips electronics N.V., Netherlands  
Title of Invention Audio coding
122. Nationalphase App.No IN/PCT/2002/02097/CHE Dated : 17.12.2002  
Corres.PCT App.No PCT/IB02/01281 Dated : 09.04.2002  
Priority Document No. No. 01201405.6 Dated : 18/04/2001  
Name of the Applicant Koninklijke Philips electronics N.V., Netherlands  
Title of Invention Audio coding with partial encryption
123. Nationalphase App.No IN/PCT/2002/02098/CHE Dated : 17.12.2002  
Corres.PCT App.No PCT/IB02/01311 Dated : 11.04.2002  
Priority Document No. No. 01201393.4 Dated : 17/04/2001  
Name of the Applicant Koninklijke Philips electronics N.V., Netherlands  
Title of Invention Method and apparatus of managing information about a person
124. Nationalphase App.No IN/PCT/2002/02099/CHE Dated : 18.12.2002  
Corres.PCT App.No PCT/IL00/00357 Dated : 19.06.2000  
Priority Document No. nil Dated : nil  
Name of the Applicant Safecard id system, Inc., Israel  
Title of Invention Methods of creating a tamper resistant
125. Nationalphase App.No IN/PCT/2002/02100/CHE Dated : 18.12.2002  
Corres.PCT App.No PCT/US01/20498 Dated : 26.06.2001  
Priority Document No. No. 09/603, 068 Dated : 26/06/2000  
Name of the Applicant Westemgeco seismic holdings ltd., USA  
Title of Invention Optimal paths for marine data collection

- |      |                       |  |                    |
|------|-----------------------|--|--------------------|
| 126. | National phase App.No | IN/PCT/2002/02101/CHE  | Dated : 18.12.2002 |
|      | Corres. PCT App.No    | PCT/JP01/04778   | Dated : 06.06.2001 |
|      | Priority Document No. | Nos. 2000 - 187515; 2000 - 187516  | Dated : 19/06/2000 |
|      | Name of the Applicant | Keihin corporation, Japan  |                    |
|      | Title of Invention    | Bypass intake control system   |                    |
| 127. | National phase App.No | IN/PCT/2002/02102/CHE  | Dated : 18.12.2002 |
|      | Corres. PCT App.No    | PCT/EP01/05667   | Dated : 17.05.2001 |
|      | Priority Document No. | No. 00810460.6   | Dated : 26/05/2000 |
|      | Name of the Applicant | Ciba speciality chemicals holding inc., Switzerland                                      |                    |
|      | Title of Invention    | Process for the preparation of indole derivatives and intermediates of the process       |                    |
| 128. | National phase App.No | IN/PCT/2002/02103/CHE  | Dated : 18.12.2002 |
|      | Corres. PCT App.No    | PCT/US01/41052   | Dated : 18.06.2001 |
|      | Priority Document No. | No. 09/596, 955  | Dated : 19/06/2000 |
|      | Name of the Applicant | Qualcomm incorporated, USA   |                    |
|      | Title of Invention    | Improved diversity coverage  |                    |
| 129. | National phase App.No | IN/PCT/2002/02104/CHE  | Dated : 18.12.2002 |
|      | Corres. PCT App.No    | PCT/EP01/06363   | Dated : 06.06.2001 |
|      | Priority Document No. | No. 0016173.7  | Dated : 30/06/2000 |
|      | Name of the Applicant | Societe des produits nestle S A, Switzerland   |                    |
|      | Title of Invention    | Confectionery product containing active ingredients                                      |                    |
| 130. | National phase App.No | IN/PCT/2002/02105/CHE  | Dated : 18.12.2002 |
|      | Corres. PCT App.No    | PCT/FI01/00414   | Dated : 02.05.2001 |
|      | Priority Document No. | No. 09/625, 199  | Dated : 21/07/2000 |
|      | Name of the Applicant | Hormos medical corporation & others, Finland   |                    |
|      | Title of Invention    | Method for the treatment of climacteric disorders in women during or after the menopause |                    |
| 131. | National phase App.No | IN/PCT/2002/02106/CHE  | Dated : 18.12.2002 |
|      | Corres. PCT App.No    | PCT/JP01/07764   | Dated : 07.09.2001 |
|      | Priority Document No. | Nos. 2001 - 126266; 2001 - 176134  | Dated : 24/04/2001 |
|      | Name of the Applicant | Taiyo kagaku co., ltd., Japan  |                    |
|      | Title of Invention    | Compositions for improving mental concentration  |                    |
| 132. | National phase App.No | IN/PCT/2002/02107/CHE  | Dated : 18.12.2002 |
|      | Corres. PCT App.No    | PCT/US01/19372   | Dated : 19.06.2001 |
|      | Priority Document No. | Nos. 60/215, 754; 09/790,676   | Dated : 30/06/2000 |
|      | Name of the Applicant | Pepsico., Inc., USA  |                    |
|      | Title of Invention    | Container with structural ribs   |                    |



133. Nationalphase App.No IN/PCT/2002/02108/CHE Dated: 18.12.2002  
Corres.PCT App.No PCT/IB02/01316 Dated: 11.04.2002  
Priority Document No. Nos. 01201439.5; 02075518.7 Dated: 20/04/2001  
Name of the Applicant Koninklijke Philips electronics N.V., Netherlands  
Title of Invention Trick play for MP3
134. Nationalphase App.No IN/PCT/2002/02109/CHE Dated: 18.12.2002  
Corres.PCT App.No PCT/IB02/01327 Dated: 12.04.2002  
Priority Document No. No. 01201440.3 Dated: 20/04/2001  
Name of the Applicant Koninklijke Philips electronics N.V., Netherlands  
Title of Invention Method and apparatus for editing data streams
135. Nationalphase App.No IN/PCT/2002/02110/CHE Dated: 19.12.2002  
Corres.PCT App.No PCT/EP01/07135 Dated: 22.06.2001  
Priority Document No. No. 00113894.0 Dated: 30/06/2000  
Name of the Applicant F. Hoffmann - La Roche AG, Switzerland  
Title of Invention Sulfonyl - pyrrolidine derivatives useful for the treatment of neurological disorders
136. Nationalphase App.No IN/PCT/2002/02111/CHE Dated: 19.12.2002  
Corres.PCT App.No PCT/EP01/07850 Dated: 09.07.2001  
Priority Document No. No. 00115287.5 Dated: 14/07/2000  
Name of the Applicant F. Hoffmann - La Roche AG, Switzerland  
Title of Invention N - Oxides as NK1 receptor antagonist prodrugs of 4-phenyl - pyridine derivatives
137. Nationalphase App.No IN/PCT/2002/02112/CHE Dated: 19.12.2002  
Corres.PCT App.No PCT/EP01/07506 Dated: 30.06.2001  
Priority Document No. No. 00114767.7 Dated: 10/07/2000  
Name of the Applicant F. Hoffmann - La Roche AG, Switzerland  
Title of Invention Thiophene retinoids
138. Nationalphase App.No IN/PCT/2002/02113/CHE Dated: 19.12.2002  
Corres.PCT App.No PCT/IB01/01090 Dated: 21.06.2001  
Priority Document No. No. 00/3277 Dated: 29/06/2000  
Name of the Applicant Eskom, South Africa  
Title of Invention Nuclear reactor of the pebble bed type
139. Nationalphase App.No IN/PCT/2002/02114/CHE Dated: 19.12.2002  
Corres.PCT App.No PCT/IB01/01149 Dated: 27.06.2001  
Priority Document No. Nos. 2000/3277; 2000/4761 Dated: 29/06/2000  
Name of the Applicant Eskom, South Africa  
Title of Invention Nuclear plant

- |                            |   |                    |
|----------------------------|---|--------------------|
| 140. National phase App.No | IN/PCT/2002/02115/CHE   | Dated : 19.12.2002 |
| Corres. PCT App.No         | PCT/EP01/07468  | Dated : 29.06.2001 |
| Priority Document No.      | No. 0016138.0   | Dated : 30/06/2000 |
| Name of the Applicant      | Novartis AG, Switzerland  |                    |
| Title of Invention         | Antibodies to human MCP - 1   |                    |
|                            |   |                    |
| 141. National phase App.No | IN/PCT/2002/02116/CHE   | Dated : 19.12.2002 |
| Corres. PCT App.No         | PCT/EP01/07249  | Dated : 26.06.2001 |
| Priority Document No.      | No. 0015876.6   | Dated : 28/06/2000 |
| Name of the Applicant      | Novartis AG, Switzerland  |                    |
| Title of Invention         | 9 - alpha - chloro - 6 alpha - fluoro - 17 alpha - hydroxy - 16 - methyl - 17 - beta - methoxycarbonyl - androst - 1, 4 - dienes esterified in position 17 alpha by a cyclic acyl group |                    |
|                            |   |                    |
| 142. National phase App.No | IN/PCT/2002/02117/CHE   | Dated : 19.12.2002 |
| Corres. PCT App.No         | PCT/US02/12887  | Dated : 19.04.2002 |
| Priority Document No.      | Nos. 60/285, 408; 60/286, 482; 60/341,  | Dated : 20/04/2001 |
| Name of the Applicant      | Zymogenetics Inc., USA  |                    |
| Title of Invention         | Cytokine protein family   |                    |
|                            |   |                    |
| 143. National phase App.No | IN/PCT/2002/02118/CHE   | Dated : 19.12.2002 |
| Corres. PCT App.No         | PCT/SE02/00764  | Dated : 19.04.2002 |
| Priority Document No.      | No. 0101440 - 6   | Dated : 25/04/2001 |
| Name of the Applicant      | Ecole research & development A/S, Denmark   |                    |
| Title of Invention         | Container   |                    |
|                            |   |                    |
| 144. National phase App.No | IN/PCT/2002/02119/CHE   | Dated : 20.12.2002 |
| Corres. PCT App.No         | PCT/DK01/00435  | Dated : 21.06.2001 |
| Priority Document No.      | Nos. PA 2000 00984; PA 2000 01734   | Dated : 23/06/2000 |
| Name of the Applicant      | Novo Nordisk A/S., Denmark  |                    |
| Title of Invention         | Glucagon antagonists/ inverse agonists  |                    |
|                            |   |                    |
| 145. National phase App.No | IN/PCT/2002/02120/CHE   | Dated : 20.12.2002 |
| Corres. PCT App.No         | PCT/GB01/02275  | Dated : 18.05.2001 |
| Priority Document No.      | No. 0012392.7   | Dated : 22/05/2000 |
| Name of the Applicant      | Secure electrans limited, Great Britain   |                    |
| Title of Invention         | A utility metering system incorporating a transaction authorisation system  |                    |

146. Nationalphase App.No IN/PCT/2002/02121/CHE Dated : 20.12.2002  
Corres.PCT App.No PCT/EP01/06834 Dated : 18.06.2001  
Priority Document No. No. 00113535.9 Dated : 27/06/2000  
Name of the Applicant F. Hoffmann - La Roche AG, Switzerland  
Title of Invention Method for preparing a composition
147. Nationalphase App.No IN/PCT/2002/02122/CHE Dated : 20.12.2002  
Corres.PCT App.No PCT/JP02/03942 Dated : 19.04.2002  
Priority Document No. No. 2001 - 128756 Dated : 26/04/2001  
Name of the Applicant Honda giken kogyo kabushiki kaisha, Japan  
Title of Invention Repair parts ordering and receipt inspection system
148. Nationalphase App.No IN/PCT/2002/02123/CHE Dated : 20.12.2002  
Corres.PCT App.No PCT/US01/19666 Dated : 20.06.2001  
Priority Document No. No. 09/598, 155 Dated : 21/06/2000  
Name of the Applicant Flexsys america L.P., USA  
Title of Invention Zeolite support loaded with a base material for use in the coupling of aniline and nitrobenzene
149. Nationalphase App.No IN/PCT/2002/02124/CHE Dated : 20.12.2002  
Corres.PCT App.No PCT/EP01/07258 Dated : 26.06.2001  
Priority Document No. No. 1274/00 Dated : 28/06/2000  
Name of the Applicant Syngenta participations AG, Switzerland  
Title of Invention Process for the preparation of quinoline derivatives
150. Nationalphase App.No IN/PCT/2002/02125/CHE Dated : 20.12.2002  
Corres.PCT App.No PCT/US01/40671 Dated : 04.05.2001  
Priority Document No. No. 09/602, 231 Dated : 23/06/2000  
Name of the Applicant Chevron philips chemical company LP, USA  
Title of Invention Process for the preparation of higher alkane sulfonyl halides
151. Nationalphase App.No IN/PCT/2002/02126/CHE Dated : 20.12.2002  
Corres.PCT App.No PCT/IL01/00455; PCT/IL00/ Dated : 01.01.1900  
Priority Document No. Nos. 140734; 140952; 141753; 142379 Dated : 04/01/2001  
Name of the Applicant Surf communication solutions, ltd., Israel  
Title of Invention Modem relay over packet based network

152. National phase App.No : IN/PCT/2002/02127/CHE Dated : 23.12.2002  
 Corres.PCT App.No : PCT/CH01/00416 Dated : 04.07.2001  
 Priority Document No. : No. 100 31 781.2 Dated : 04/07/2000  
 Name of the Applicant : ABB Schweiz AG, Switzerland  
 Title of Invention : Semiconductor component and method for fabricating it
153. National phase App.No : IN/PCT/2002/02128/CHE Dated : 23.12.2002  
 Corres.PCT App.No : PCT/US01/19964 Dated : 25.06.2001  
 Priority Document No. : Nos. 06/213, 619; 09/887, 453 Dated : 23/06/2000  
 Name of the Applicant : AIL Research Inc., USA  
 Title of Invention : Heat exchange assembly
154. National phase App.No : IN/PCT/2002/02129/CHE Dated : 23.12.2002  
 Corres.PCT App.No : PCT/GB01/02860 Dated : 27.06.2001  
 Priority Document No. : No. 0029263.1; 00113608.4 Dated : 30/11/2000  
 Name of the Applicant : Vectura limited, UK  
 Title of Invention : Method of making particles for use in a pharmaceutical composition
155. National phase App.No : IN/PCT/2002/02130/CHE Dated : 23.12.2002  
 Corres.PCT App.No : PCT/GB01/02823 Dated : 26.06.2001  
 Priority Document No. : No. 0015617.4 Dated : 26/06/2000  
 Name of the Applicant : Vectura Limited, UK  
 Title of Invention : Topical pharmaceutical formulations and methods of treatment
156. National phase App.No : IN/PCT/2002/02131/CHE Dated : 23.12.2002  
 Corres.PCT App.No : PCT/IB02/01330 Dated : 12.04.2002  
 Priority Document No. : No. 01201498.1 Dated : 25/04/2001  
 Name of the Applicant : Koninklijke Philips electronics N.V., Netherlands  
 Title of Invention : Method and apparatus for copying and processing audiovisual information.
157. National phase App.No : IN/PCT/2002/02132/CHE Dated : 23.12.2002  
 Corres.PCT App.No : PCT/IB02/01414 Dated : 18.04.2002  
 Priority Document No. : Nos. 01201480.9; 02075706.8 Dated : 24/04/2001  
 Name of the Applicant : Koninklijke Philips electronics N.V., Netherlands  
 Title of Invention : Mapping of consecutive regions for information blocks
158. National phase App.No : IN/PCT/2002/02133/CHE Dated : 23.12.2002  
 Corres.PCT App.No : PCT/IB02/01199 Dated : 04.04.2002  
 Priority Document No. : No. 01201496.5 Dated : 25/04/2001  
 Name of the Applicant : Koninklijke Philips electronics N.V., Netherlands  
 Title of Invention : Method and devices for storing and reading data on a storage medium andx storage medium

159. Nationalphase App.No IN/PCT/2002/02134/CHE Dated : 23.12.2002  
Corres.PCT App.No PCT/IB02/01367 Dated : 18.04.2002  
Priority Document No. Nos. 01201480.9; 02075769.6 Dated : 24/04/2001  
Name of the Applicant Koninklijke Philips electronics N.V., Netherlands  
Title of Invention Device and method for recording information
160. Nationalphase App.No IN/PCT/2002/02135/CHE Dated : 23.12.2002  
Corres.PCT App.No PCT/IB02/01386 Dated : 18.04.2002  
Priority Document No. No. 01201480.9; 0207580.5 Dated : 24/04/2001  
Name of the Applicant Koninklijke Philips electronics N.V., Netherlands  
Title of Invention Device and method for recording information
161. Nationalphase App.No IN/PCT/2002/02136/CHE Dated : 23.12.2002  
Corres.PCT App.No PCT/IB02/01458 Dated : 18.04.2002  
Priority Document No. No. 01201485.8 Dated : 24/04/2001  
Name of the Applicant Koninklijke Philips electronics N.V., Netherlands  
Title of Invention Record carrier and apparatus for scanning the record carrier
162. Nationalphase App.No IN/PCT/2002/02137/CHE Dated : 23.12.2002  
Corres.PCT App.No PCT/IB02/01371 Dated : 25.03.2002  
Priority Document No. Nos. 01201505.3; 01203888.1 Dated : 25/04/2001  
Name of the Applicant Koninklijke Philips electronics N.V., Netherlands  
Title of Invention Scanning device including plastic high - numerical aperture objective
163. Nationalphase App.No IN/PCT/2002/02138/CHE Dated : 23.12.2002  
Corres.PCT App.No PCT/IB02/01372 Dated : 25.04.2002  
Priority Document No. Nos. 01201507.9; 01203887.3 Dated : 25/04/2001  
Name of the Applicant Koninklijke Philips electronics N.V., Netherlands  
Title of Invention Scanning device including a partly plastic high - NA objective system
164. Nationalphase App.No IN/PCT/2002/02139/CHE Dated : 23.12.2002  
Corres.PCT App.No PCT/IB02/01355 Dated : 16.04.2002  
Priority Document No. Nos. 0110125.2; 0122745.3 Dated : 25/04/2001  
Name of the Applicant Koninklijke Philips electronics N.V., Netherlands  
Title of Invention Radio communication system
165. Nationalphase App.No IN/PCT/2002/02140/CHE Dated : 23.12.2002  
Corres.PCT App.No PCT/IB02/01426 Dated : 12.04.2002  
Priority Document No. No. 0110125.2 Dated : 25/04/2001  
Name of the Applicant Koninklijke Philips electronics N.V., Netherlands  
Title of Invention Radio communication system

- |                           |  |                    |
|---------------------------|--|--------------------|
| 166. Nationalphase App.No | IN/PCT/2002/02141/CHE  | Dated : 24.12.2002 |
| Corres.PCT App.No         | PCT/JP01/05584   | Dated : 28.06.2001 |
| Priority Document No.     | JAPAN. 2000-197378, 2000-346949  | Dated : 29/06/2000 |
| Name of the Applicant     | Japan absorbent technology institute, Japan  |                    |
| Title of Invention        | Absorbent product  |                    |
| 167. Nationalphase App.No | IN/PCT/2002/02142/CHE  | Dated : 24.12.2002 |
| Corres.PCT App.No         | PCT/EP01/05839   | Dated : 22.05.2001 |
| Priority Document No.     | US APPN. NO60/208,161, 60/273  | Dated : 31/05/2000 |
| Name of the Applicant     | Ciba speciality chemicals water treatments ltd., England                                     |                    |
| Title of Invention        | Treatment of mineral materials   |                    |
| 168. Nationalphase App.No | IN/PCT/2002/02143/CHE  | Dated : 24.12.2002 |
| Corres.PCT App.No         | PCT/JP02/00869   | Dated : 04.02.2002 |
| Priority Document No.     | JAPAN.2001/29312, 2001/49820   | Dated : 06/02/2001 |
| Name of the Applicant     | Sumitomo chemical company ltd., Japan  |                    |
| Title of Invention        | Novel sulfone derivatives and their production process                                       |                    |
| 169. Nationalphase App.No | IN/PCT/2002/02144/CHE  | Dated : 24.12.2002 |
| Corres.PCT App.No         | PCT/EP01/07644   | Dated : 04.07.2001 |
| Priority Document No.     | GERMANY APPN.NO 200 11 435.2   | Dated : 05/07/2000 |
| Name of the Applicant     | Honeywell bremsbel G Gmbh, Germany   |                    |
| Title of Invention        | Lining, in particular friction lining for disc brakes  |                    |
| 170. Nationalphase App.No | IN/PCT/2002/02145/CHE  | Dated : 24.12.2002 |
| Corres.PCT App.No         | PCT/US01/16660   | Dated : 22.05.2001 |
| Priority Document No.     | US APPN. NO.09/609,016   | Dated : 30/06/2000 |
| Name of the Applicant     | Schreiber foods Inc., USA  |                    |
| Title of Invention        | Food slice consisting of two of more food items, and processes for making and packaging same |                    |
| 171. Nationalphase App.No | IN/PCT/2002/02146/CHE  | Dated : 24.12.2002 |
| Corres.PCT App.No         | PCT/US00/29476   | Dated : 28.10.2000 |
| Priority Document No.     | US APPN. NO. 09/608, 911   | Dated : 30/06/2000 |
| Name of the Applicant     | 3M innovative properties company, USA  |                    |
| Title of Invention        | Articulating earplug   |                    |
| 172. Nationalphase App.No | IN/PCT/2002/02147/CHE  | Dated : 24.12.2002 |
| Corres.PCT App.No         | PCT/EP01/07005   | Dated : 18.05.2001 |
| Priority Document No.     | JAPANESE APPN.NO.154,685   | Dated : 25/05/2000 |
| Name of the Applicant     | Atofina, France  |                    |
| Title of Invention        | Polyamide - type antibacterial powder paint composition                                      |                    |

173. Nationalphase App.No IN/PCT/2002/02148/CHE Dated : 24.12.2002  
Corres.PCT App.No PCT/US00/33255 Dated : 08.12.2000  
Priority Document No. US APPN. NO.09/07,586 Dated : 29/06/2000  
Name of the Applicant Sandia corporation, USA  
Title of Invention Formulations for neutralization of chemical and biological toxants
174. Nationalphase App.No IN/PCT/2002/02149/CHE Dated : 24.12.2002  
Corres.PCT App.No PCT/IB01/00942 Dated : 30.05.2001  
Priority Document No. AFRICAN APPN. NO.2000/2746 Dated : 01/06/2000  
Name of the Applicant The tongaa - hulett group limited, South Africa  
Title of Invention Continuous vacuum pan
175. Nationalphase App.No IN/PCT/2002/02150/CHE Dated : 24.12.2002  
Corres.PCT App.No PCT/EP01/06902 Dated : 19.06.2001  
Priority Document No. EUROPEAN APPN. NO.00830453.7 Dated : 28/06/2000  
Name of the Applicant Zambon group S.p.a., Italy  
Title of Invention Pprocess for the preparation of nitroalkenes
176. Nationalphase App.No IN/PCT/2002/02151/CHE Dated : 24.12.2002  
Corres.PCT App.No PCT/SE01/01441 Dated : 25.06.2001  
Priority Document No. SWEDISH APPN. NO. 0002448-9 Dated : 28/06/2000  
Name of the Applicant Hoganas AB, Sweden  
Title of Invention Method of production of surface densified powdermetal components
177. Nationalphase App.No IN/PCT/2002/02152/CHE Dated : 24.12.2002  
Corres.PCT App.No PCT/EP01/05911 Dated : 23.05.2001  
Priority Document No. GERMAN APPN. NO.100 25 727.5 Dated : 25/05/2000  
Name of the Applicant Basell poliolefine italia S.p.a., Italy  
Title of Invention Highly flowable propylene block copolymers
178. Nationalphase App.No IN/PCT/2002/02153/CHE Dated : 24.12.2002  
Corres.PCT App.No PCT/IB02/01445 Dated : 22.04.2002  
Priority Document No. EUROPEAN APPN NO.01201531.9 Dated : 26/04/2001  
Name of the Applicant Koninklijke philips electronics N.V., The Netherlands  
Title of Invention Method and device for recording marks in an information layer of an optical record carrier
179. Nationalphase App.No IN/PCT/2002/02154/CHE Dated : 24.12.2002  
Corres.PCT App.No PCT/IB02/01352 Dated : 16.04.2002  
Priority Document No. US APPN. NO.09/844,570 Dated : 26/04/2001  
Name of the Applicant Koninklijke philips electronics N.V. The Netherlands  
Title of Invention P2P network architecture for distributed storage

180. Nationalphase App.No IN/PCT/2002/02155/CHE Dated : 26.12.2002  
 Corres.PCT App.No PCT/US01/19094 Dated : 13.06.2001  
 Priority Document No. Nos. 09/606, 858; 09/840, 009 Dated : 28/06/2000  
 Name of the Applicant The University of IOWA Research Foundation, USA  
 Title of Invention Novispirins: antimicrobial peptides
181. Nationalphase App.No IN/PCT/2002/02156/CHE Dated : 26.12.2002  
 Corres.PCT App.No PCT/EP01/07351 Dated : 27.06.2001  
 Priority Document No. No. 2000 1277/00 Dated : 28/06/2000  
 Name of the Applicant SMS Demag AG & others, Germany  
 Title of Invention Refractory pouring spout and channel unit for the arrangement on an outlet of a vessel containing molten metal, especially a tundish of a strip casting installation
182. Nationalphase App.No IN/PCT/2002/02157/CHE Dated : 26.12.2002  
 Corres.PCT App.No PCT/EP01/07389 Dated : 28.06.2001  
 Priority Document No. No. 100 30 638.1 Dated : 29/06/2000  
 Name of the Applicant Basell polyclefine GmbH, Germany  
 Title of Invention Method for the selective production of racemic metallocene complexes
183. Nationalphase App.No IN/PCT/2002/02158/CHE Dated : 26.12.2002  
 Corres.PCT App.No PCT/JP02/03851 Dated : 18.04.2002  
 Priority Document No. No. 2001 - 122933 Dated : 20/04/2001  
 Name of the Applicant Kabushiki kaisha ueno seiyaku oyo kenkyujo, Japan  
 Title of Invention Granular product of parahydroxybenzoic acid or parahydroxybenzoic acid ester and process for preparing the same
184. Nationalphase App.No IN/PCT/2002/02159/CHE Dated : 26.12.2002  
 Corres.PCT App.No PCT/EP01/07111 Dated : 22.06.2001  
 Priority Document No. No. 00113670.4 Dated : 28/06/2000  
 Name of the Applicant SIPCA Holding S.A., Switzerland  
 Title of Invention Use of communication equipment and method for authenticating an item, unit and system for authenticating items, and authenticating device
185. Nationalphase App.No IN/PCT/2002/02160/CHE Dated : 27.12.2002  
 Corres.PCT App.No PCT/EP01/07239 Dated : 25.06.2001  
 Priority Document No. No. 0016245.3 Dated : 30/06/2000  
 Name of the Applicant Nokia corporation, Finland  
 Title of Invention A receiver



186. Nationalphase App.No IN/PCT/2002/02161/CHE Dated : 27.12.2002  
 Corres.PCT App.No PCT/JP00/08394 Dated : 29.11.2000  
 Priority Document No. No. 2000 - 201971 Dated : 04/07/2000  
 Name of the Applicant Phild co., Ltd., Japan  
 Title of Invention Healthy fiber products
187. Nationalphase App.No IN/PCT/2002/02162/CHE Dated : 27.12.2002  
 Corres.PCT App.No PCT/US01/20410 Dated : 27.06.2001  
 Priority Document No. Nos. 00129863.1; 60/214, 554 Dated : 20/10/2000  
 Name of the Applicant Paragon vision, USA  
 Title of Invention Contact lens and methods of manufacture and fitting such lenses and computer program product
188. Nationalphase App.No IN/PCT/2002/02163/CHE Dated : 27.12.2002  
 Corres.PCT App.No PCT/EP01/07412 Dated : 28.06.2001  
 Priority Document No. No. 100 31 393.0 Dated : 03/07/2000  
 Name of the Applicant Basell polyolefine GmbH, Germany  
 Title of Invention Graft copolymer mixture with improved properties and the use thereof as an adhesion promoter
189. Nationalphase App.No IN/PCT/2002/02164/CHE Dated : 27.12.2002  
 Corres.PCT App.No PCT/IB00/01772 Dated : 30.11.2000  
 Priority Document No. Nos. TO2000A000517; TO2000A000704 Dated : 02/06/2000  
 Name of the Applicant Passone, Plerfo, Italy  
 Title of Invention Reinforcing rod for body and/or chassis elements of a motor vehicle
190. Nationalphase App.No IN/PCT/2002/02165/CHE Dated : 27.12.2002  
 Corres.PCT App.No PCT/NL01/00483 Dated : 28.06.2001  
 Priority Document No. No. 1015558 Dated : 28/06/2000  
 Name of the Applicant Stitching energieonderzoek centrum nederland, Netherlands  
 Title of Invention Blade of a wind turbine
191. Nationalphase App.No IN/PCT/2002/02166/CHE Dated : 30.12.2002  
 Corres.PCT App.No PCT/EP01/05103 Dated : 05.06.2001  
 Priority Document No. No. 100 32 314.6 Dated : 04/07/2000  
 Name of the Applicant Aloys wobben, Germany  
 Title of Invention Method for determining the angle of a rotor blade pertaining to a wind energy installation

192. Nationalphase App.No IN/PCT/2002/02167/CHE  
 Corres.PCT App.No PCT/CH01/00408 Dated : 30.12.2002  
 Priority Document No. No. 1333/00 Dated : 29.06.2001  
 Name of the Applicant Zellweger Iuwa AG, Switzerland Dated : 06/07/2000  
 Title of Invention Method for creating markings on a planar textile body
193. Nationalphase App.No IN/PCT/2002/02168/CHE  
 Corres.PCT App.No PCT/US00/32646 Dated : 30.12.2002  
 Priority Document No. No. 09/611, 439 Dated : 01.12.2000  
 Name of the Applicant 3M Innovative properties company, USA Dated : 06/07/2000  
 Title of Invention Adhesive material for touch screens
194. Nationalphase App.No IN/PCT/2002/02169/CHE  
 Corres.PCT App.No PCT/DK01/00467 Dated : 30.12.2002  
 Priority Document No. Nos. PA 2000 01040; 60/233, 240 Dated : 04.07.2001  
 Name of the Applicant Novo nordisk A/S., Denmark Dated : 04/07/2000  
 Title of Invention Heterocyclic compounds that are inhibitors of the enzyme DPP - IV
195. Nationalphase App.No IN/PCT/2002/02170/CHE  
 Corres.PCT App.No PCT/JP01/05702 Dated : 30.12.2002  
 Priority Document No. Nos. 2000 - 200542; 2000 - 375398 Dated : 02.07.2001  
 Name of the Applicant Phild Co., Ltd., Japan Dated : 03/07/2000  
 Title of Invention Hair design system and its applications
196. Nationalphase App.No IN/PCT/2002/02171/CHE  
 Corres.PCT App.No PCT/US01/21143 Dated : 30.12.2002  
 Priority Document No. No. 09/609, 365 Dated : 03.07.2001  
 Name of the Applicant Adhesives research, Inc., USA Dated : 03/07/2000  
 Title of Invention Ambifunctional perfluorinated polyethers
197. Nationalphase App.No IN/PCT/2002/02172/CHE  
 Corres.PCT App.No PCT/US01/18042 Dated : 31.12.2002  
 Priority Document No. No. 60/210, 203 Dated : 04.06.2001  
 Name of the Applicant Merck & Co., Inc., USA Dated : 08/06/2000  
 Title of Invention Process for the synthesis of (2R, 2' - alpha - R, 3A) - 2 - [1 - 3, 5 - Bis(Trifluoromethyl)phenyl] ethoxy] - 3 - (4 - fluorophenyl) - 1, 4 - oxazine

- 
- |      |                       |   |                    |
|------|-----------------------|---|--------------------|
| 198. | Nationalphase App.No  | IN/PCT/2002/02173/CHE   | Dated : 31.12.2002 |
|      | Corres.PCT App.No     | PCT/EP01/07508  | Dated : 30.06.2001 |
|      | Priority Document No. | No. 100 33 029.0  | Dated : 07/07/2000 |
|      | Name of the Applicant | Aloys wobben, Germany   |                    |
|      | Title of Invention    | Emergency power supply device   |                    |
| <br> |                       |   |                    |
| 199. | Nationalphase App.No  | IN/PCT/2002/02174/CHE   | Dated : 31.12.2002 |
|      | Corres.PCT App.No     | PCT/EP01/06310  | Dated : 02.06.2001 |
|      | Priority Document No. | Nos. 100 27 328.9; 100 33 516.0   | Dated : 05/06/2000 |
|      | Name of the Applicant | Basf Aktiengesellschaft, Germany  |                    |
|      | Title of Invention    | Method for separating ammonia from solutions containing caprolactam and ammonia   |                    |
| <br> |                       |   |                    |
| 200. | Nationalphase App.No  | IN/PCT/2002/02175/CHE   | Dated : 31.12.2002 |
|      | Corres.PCT App.No     | PCT/IB02/01545  | Dated : 29.04.2001 |
|      | Priority Document No. | No. 0120161.5   | Dated : 02/05/2001 |
|      | Name of the Applicant | Koninklijke Philips electronics N.V., Netherlands   |                    |
|      | Title of Invention    | Inverse filtering method, synthesis filtering method, inverse filter device, synthesis filter device and devices comprising such filter devices |                    |
-

## ALTERATION OF DATE UNDER SECTION—16

Patent No. 190414 1183/MAS/95 Ante-dated to 3rd July 1991.

Patent No. 190418 233/MAS/99 Ante-dated to 28th Sept. 1993.

Patent No. 190419 969/MAS/99 Ante-dated to 29th July 1994.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent Rules, 2003 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within two months from the date of notice of opposition prescribed in Rule 57 as amended by the Patents Rules, 2003.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 4/- per page of such document.

## अभिगृहित संपूर्ण विनिर्देश

एतद्वारा सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने वाले व्यक्ति इसके निर्गमन की तिथि से 4 महीने के भीतर अथवा उक्त 4 महीने की अवधि के समाप्ति के पूर्व यदि प्ररूप 4 में पेटेंट नियमावली, 2003 के तहत प्राविहित रूप में आवेदित हो, तो ऐसी अग्रिम अवधि जो 1 महीने से अधिक न हो, के भीतर ऐसे विरोध की सूचना प्राविहित प्ररूप 7 पर उपयुक्त कार्यालय में नियंत्रक, एकस्व को दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ संशोधित पेटेंट नियमावली, 2003 में यथा प्राविहित नियम 57 में विरोध की सूचना की तिथि से 2 महीने के भीतर फाईल किए जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

ऐसी परिस्थिति में जब विनिर्देश की टंकित प्रति उपलब्ध न हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय एवं उसके शाखा कार्यालयों से उक्त दस्तावेज के यथाविहित फोटोप्रति शुल्क रुपए 4/- प्रति पृष्ठ की अदायगी पर की जा सकती है।

## Indian Classification

27 A

190371

International Classification<sup>4</sup>

B 66 B 1/00

## Title

:- "A Vehicle Mounted, Extendable-Span Redeployable Bridge"

## Applicant

:- The Chief Controller Research &amp; Development, M/O Defence of Technical Coordination Dte B-341, Sena Bhawan DHQ P O, New Delhi-110011, India.

## Inventors

:- SREENIVAS MULLANGI - INDIA  
NARESH KUMAR - INDIA  
VINAYAK NARAYAN RASHINKAR - INDIA  
AMARJIT SINGH - INDIA

## Application for Patent Number

189/del/1995

filed on

09/02/1995

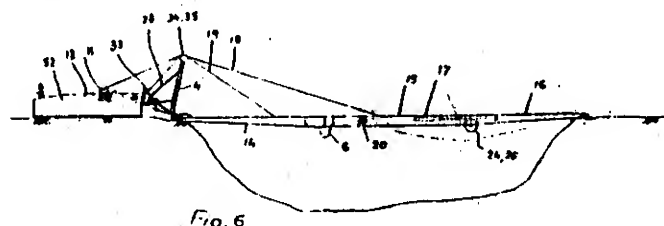
Complete left after Provisional Specification filed on  
19/03/1996

: 09/02/1995 Complete filed on

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, New Delhi Branch - 110 008.

( Claims 12.)

A vehicle mounted, extendable span, redeployable bridge comprising fully decked flat topped structure having a plurality of foldable segments 14, 15 & 16 secured with each other by means of sector member 6 and hinge pin 27 said structure adapted to be secured with a vehicle at one end of the first segment 14 through launching means, said structure being made of high strength and light weight metallic material such as high strength, weldable aluminium alloy.



Provisional Specification

No of Pages

06

Drawings Sheets

n.ii

Complete Specification

No of Pages

20

Drawings Sheets

05

Indian Classification : 170 A 190372

International Classification<sup>7</sup> : C 11 D 1/00

Title : "A DETERGENT COMPOSITION"

Applicant : **THE PROCTER & GAMBLE COMPANY,**  
a corporation organized and existing under the laws of  
the State of Ohio, United States of America, of One  
Procter & Gamble Plaza, Cincinnati, Ohio- 45202,  
United States of America,

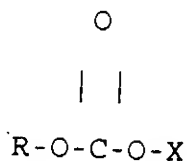
Inventors : **HARDY FREDERICK EDWARD**  
**WILLEY ALAN DAVID**  
**BOTH U.K. CITIZEN**

Application for Patent Number 409/Del/1995 filed on 10.03.1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office  
Branch, New Delhi - 110 008.

(08 Claims)

Detergent composition characterized by having 1% to 70% of a carbonate salt of an alcohol  
having the following structure:



Wherein X = an alkaline (earth) metal, alkyl, ethoxy alkyl, aralkyl or carboxylic acid and R =  
any (un) substituted acyclic or any (un) substituted mono or poly (hetero) cyclic organic group,  
the balance being conventional detergent components as herein described.

(COMPLETE SPECIFICATION 31 SHEETS      DRAWING SHEETS -0-)

Indian Classification	:	145 A	190373
International Classification <sup>7</sup>	:	B41M 005/18	
Title	:	"A COMPOSITION FOR PRODUCTION OF HEAT SENSITIVE PAPER."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	CHOWDHURY NATH SAIKIA - INDIAN ANIL CHANDRA GHOSH – INDIAN.	

Application for Patent Number 438/Del/95 filed on 14<sup>th</sup> March 1995.  
Complete left after provisional on 15.9.95.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

( 4 Claims )

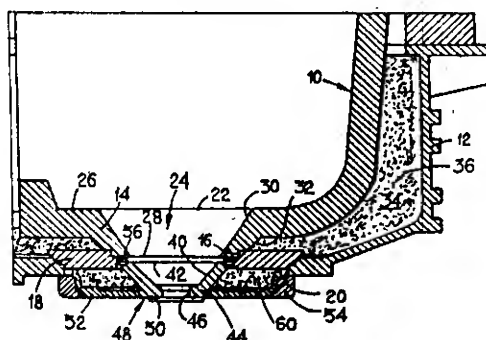
A composition for the production of heat sensitive paper which comprises Leuco-dye derivative 30-65 parts by weight, bisphenol A250-550 parts by weight, stearamide 70-125 parts by weight, Octadecanamide 50-100 parts by weight, polyvinyl alcohol 50-100 parts by weight, 4-benzyloxy phenol 15-30 parts by weight, copisil clay 25-100 parts by weight, magnesium stearate 70-150 parts by weight, hydroxy ethyl cellulose 25-60 parts by weight and water 2000-2500 parts by weight.

(Provisional specification 12 Pages Drawings Nil Sheets)  
(Complete Specification 15 Pages Drawings Nil Sheets)

Indian Classification	-	85, 90	190374
International Classification <sup>4</sup>	-	C 03 B 8/00, C 03 B 5/04, C 03 B 7/088	
Title	-	"A GLASS FEEDER DEVICE FOR DELIVERING A PLURALITY OF RUNNERS OF MOLTEN GLASS TO A SHEAR MECHANISM".	
Applicant	-	EMHART GLASS S.A., of Switzerland, of gewerbestrasse 11, CH-6330 Cham, Switzerland.	
Inventors	-	PAUL - RIIFTIKER - U.S.A.	
Application for Patent Number	470/del/1995	filed on	15/03/1995
Convention Application No	08/210,134/USA/16 03 1994.		
110 008	Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch -		
	( Claims 03 )		

A glass feeder device for delivering a plurality of runners of molten glass to a shear mechanism which severs the runners into discrete gobs, the device comprising: - a spout bowl with a neck portion at the bottom thereof, said neck portion having a vertical discharge passage extending therethrough from an upper inlet opening to a lower outlet opening, - said upper inlet opening being circular, - said lower outlet opening being oblong defined by major and minor dimensions and said vertical discharge passage vertically transitioning from said circular upper inlet opening to said oblong lower outlet opening proceeding from said upper inlet opening to said lower outlet opening, - said circular upper inlet opening having a size, relative to said oblong lower outlet opening, so that the oblong lower outlet opening is located completely within said circular upper inlet opening, and - an orifice ring for receiving molten glass from said oblong lower outlet opening, said orifice ring having a plurality of discharge holes through which said plurality of runners of molten glass is flowable.

FIG. 2





Indian Classification : 32 E 190375

International Classification<sup>7</sup> : B01J 45/00

Title : "AN IMPROVED PROCESS FOR THE PREPARATION OF CHELATING ION EXCHANGE RESINS FOR USE IN HEAVY METAL RECOVERY."

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).

Inventors : ALAGPPILLAI VARADHARAJ - INDIAN  
SWATI AJITKUMAR LAHIRI - INDIAN  
RAMANATHAN MEYYAPPAN – INDIAN  
SETHURAMAN PITCHUMANI - INDIAN

Application for Patent Number 601/Del/95 filed on 31<sup>st</sup> Mar. 1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003), Patent Office Branch, New Delhi – 110 008.

( 12 Claims )

A process for the preparation of chelating ion exchange resin for use in heavy metal recovery which comprises i) preparing the copolymer resin with desired pendant group by suspension polymerization of the appropriate monomer such as herein described in the concentration ranges from 60 – 90wt%, along with a stabilizer and an initiator such as herein described at a temperature in the range of 60 – 85°C under stirring for a period upto 7 hrs, ii) treating the resulting copolymer resin with an aqueous solution containing sodium acetate and hydroxylamine hydrochloride then isolating the resin beads formed by filtration and washing followed by drying at a temperature of 100-110°C for a period of 12-16 hours, after which the resin beads are soaked in benzene for 10-20 hours, iii) separated and refluxing the said resin beads in aqueous solution containing sodium acetate and hydroxylamine chloride in the ratio of Resin:Sodium acetate: Hydroxylamine hydrochloride as 1-3: 1-4: 1-5 wherein after treatment of copolymer resin is refluxed in a temperature range of 70-80°C for a period of 24-30 hrs, dried in an air oven at a temperature of 110-110°C for a period 10-20 hours to get the chelated ion exchange resin.

(Complete Specification 10 Pages Drawings Nil Sheet)

Indian Classification	:	62	190376
International Classification <sup>7</sup>	:	C08B 1/00	
Title	:	"METHOD FOR PRODUCING LYOCCELL FIBRES OF REDUCED FIBRILLATION TENDENCY."	
Applicant	:	TENCEL LIMITED, formerly known as COURTAULDS FIBRES (HOLDINGS) LIMITED, a British company, of 1 Holme Lane, Spondon, Derby, Derbyshire DE21 7BP, United Kingdom, formerly of 50 George Street, London W1A 288, England.	
Inventors	:	CHRISTOPHER DAVID POTTER – ENGLAND PETER DOBSON – ENGLAND	

Application for Patent Number 693/Del/ 95 filed on 17<sup>th</sup> April 95.  
Convention date 15.4.1995/ 9407496.0/ U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

( 12 Claims )

A method for producing a lyocell fibre of reduced fibrillation tendency, characterized in that (1) there is applied to a lyocell fibre in neverdried state an aqueous solution comprising dissolved therein an inorganic alkali of the kind such as herein described and a chemical reagent of the kind such as herein described bearing a plurality of acrylamido groups, the average number of acrylamido groups per molecule of the chemical reagent in the solution being at least 2.1, and (2) the fibre to which the chemical reagent has been applied is heated to cause reaction between the fibre and the chemical reagent and thereby produce the desired lyocell fibre having reduced fibrillation tendency.

(Complete Specification 29 Pages ; Drawings Nil Sheets)

Indian Classification	:	62 E	190377
International Classification	:	D 06 L 1/00	
Title	:	"AN AUTOMATIC WASHER"	
Applicant	:	WHIRLPOOL CORPORATION, 2000 North M-63 Benton Harbor, Michigan 49022-2692 United States of America.	
Inventors	:	ANTHONY MASON - USA • BRENNER MARTIN SHARP - CANADA VICTOR WARREN CUTHBERT - USA	

Application for Patent Number 781/Del/95 filed on 28.04.95.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office  
Branch, New Delhi - 110 008.

(09 Claims)

An automatic washer comprising:

a tub having an interior, and an opening for accessing the said interior of said tub;  
a cylindrical basket, being rotably mounted within the said tub for rotation about a horizontal axis said basket having an interior, a door accessing said interior of said basket and a basket opening having opposite front and rear edges;

said door of said basket is being provided for selectivity closing and opening said basket comprising;

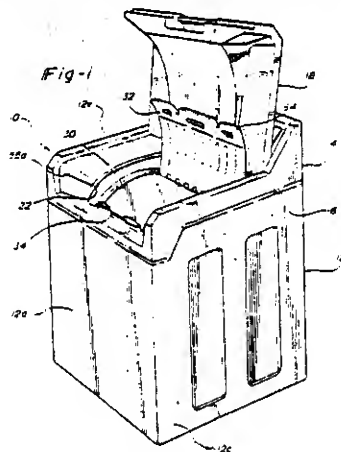
a first door flap hingedly mounted on said rear edge of the said basket opening and having an arc length substantially equal to the arc length of said basket opening and with a front edge portion opposite said hinged connection with said rear edge of said basket opening;

a second door flap hingedly mounted opposite said first flap door on said front edge of said basket opening and having an arc length less than  $1/3$  the arc length of said front door flap and with a front edge portion opposite said hinged connection with said front edge of said basket opening;

an enclosure surrounding said tub having a front surface opposing side surfaces and a top surface wherein said horizontal axis of said basket extends between said opposing side surfaces, said enclosure is having an access opening extending partially long said front surface and said top surface wherein said access opening includes a front edge disposed on said top surface, said front edge being positioned at a lower height than said rear edge such that said access opening extends along said top surface and partially down said front surface; and

a lid hingedly connected to said enclosure for selectivity closing and opening said access opening, said lid extending along said top surface and partially down said front surface in closed position

wherein the said washer has an overall depth and overall length of said access opening, and the ratio of said overall depth and length of said access opening is less than 1.5:1 and is greater than 1,3:1.



(COMPLETE SPECIFICATION -35- SHEETS

DRAWING SHEETS -12-)

Indian Classification :- 107 F 190378

International Classification<sup>4</sup> :- F 02 N 17/02

Title :- "AUTOMATIC STARTER FOR ENGINE".

Applicant :- Nippon Thermostat Co., Ltd. of 6-59-2, Nakazato, Kiyoseshi, Tokyo, Japan.

Inventors :- KAZUHITO - SHIBUYA - JAPAN

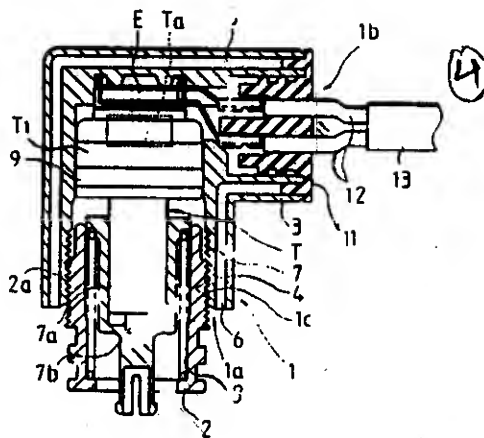
Application for Patent Number 906/del/1995 filed on 19/05/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 04 )

An automatic starter for an engine comprising : - a case body - a thermo-element housed in said case body and having a thermally expanding unit, - said thermally expanding unit expands and contracts with a change in the outer temperature and is provided on one side of said thermo-element, - a piston provided on the other side of the thermo-element which moves forward and backward with the expansion and contraction of said thermally expanding unit, - a heating means having an electric heating unit provided on the one side of the thermo-element to forcibly move the piston by heating up the heating unit with an electric current flown upon starting the engine to close a fuel-supply-inlet of an auxiliary fuel passageway provided along a gas mixture passageway which feeds the gas mixture to the engine, - a hollow provided in wall of said case body which divides the wall of said case body into a inner wall and an outer wall, and - a thermally insulating means provided in said hollow to prevent thermal conduction of the heat from said inner wall to said outer wall.

FIG. 1



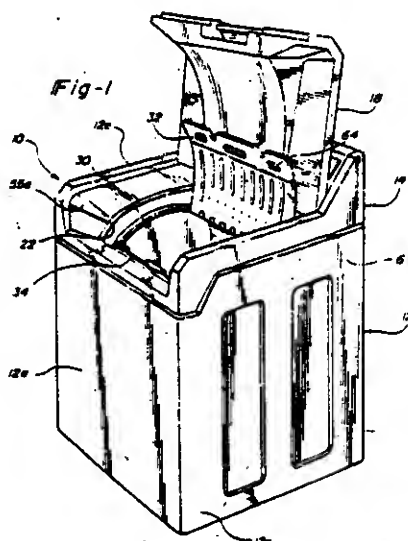
Indian Classification	:-	62 E	190379
International Classification <sup>4</sup>	:-	D 06 L 1/00	
Title	:-	"AN AUTOMATIC WASHER"	
Applicant	:-	WHIRLPOOL CORPORATION, 2000 North M-63, Benton Harbor, MI 49022-2692, United States of America.	
Inventors	:-	VICTOR WARREN CUTHBERT - U.S.A. JOSEPH HERBERT ZAHRN, - U.S.A. VONDA KAY JOHNSTON - U.S.A.	

Application for Patent Number 783/del/1995 filed on 28/04/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008

( Claims 09 )

An automatic washer, comprising :- an impermeate tub; - a perforate wash basket disposed within said tub being rotatable about a horizontal axis; - a motor drivingly connected with said wash basket for selectively driving said wash basket about said horizontal axis; wherein - a holding arm interconnected with said tub and moveably supported adjacent said basket, said holding arm having a catch portion; - said holding arm when actuated drives said catch portion towards said wash basket for selectively engaging said wash basket, positioning said wash basket relative to said tub.



Indian Classification	:	188	190380
International Classification <sup>4</sup>	:	C03C 17/06	
Title	:	"A MIRROR WITH NO COPPER LAYER AND A PROCESS FOR MANUFACTURING THE SAME."	
Applicant	:	GLAVERBEL S.A., a Belgian company, of Chaussee de la Hulpe, 166, B-1170 Brussels (Watermael-Boitsfort)-Belgium.	
Inventors	:	PIERRE LAROCHE – BELGIAN PIERRE BOULANGER – BELGIAN CHRISTIAN DAUBY – BELGIAN	

Application for Patent Number 839/Del/ 95 filed on 8<sup>th</sup> May 95.  
Convention date 12.5.1994/ 9409538.7/ U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 005.

( 20 Claims )

A mirror with no copper layer comprising :

- (i) a vitreous substrate,
- (ii) at least one material selected from the group consisting of bismuth, chromium, gold, indium, nickel, palladium, platinum, rhodium, ruthenium, titanium, vanadium and zinc at a surface of the said substrate,
- (iii) a silver coating layer on the surface of said substrate, said silver layer optionally comprising at least one material selected from the group consisting of tin, chromium, vanadium, titanium, iron, indium, copper and aluminium present at the surface of the silver coating layer and/or traces of silane; and
- (iv) at least one paint layer covering said silver coating layer.

(Complete Specification 24 Pages ; Drawings Nil Sheets)

Indian Classification	:	143 D4	190381
International Classification <sup>4</sup>	:	A61J – 1/00, B65D-81/32	
Title	:	“A SELF-REHYDRATING CONTAINER-ADAPTED TO BE FOR PRODUCTION OF SOLUTIONS OR SUSPENSIONS SUBSTANTIALLY FREE OF UNDESIRABLE MICRO-ORGANISMS.”	
Applicant	:	UCB, S.A., a Belgian company of avenue Louise 326, B-1050 Bruxelles, Belgium.	
Inventors	:	COLIN MARSHALL – U.K.	

Application for Patent Number 653/Del/ 98 filed on 16<sup>th</sup> March. 98.  
Convention date 17.3.1997/9705455.5/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

( 16 Claims )

A self-rehydrating container adapted to be for the production of solutions or suspensions substantially free of undesirable micro-organism characterized in that said container comprises of at least one compartment having two opposite ends and consisting of two opposite walls, wherein said container is divided at least into two compartments – first compartment and second compartment and said compartments are interconnected by a seal member, preferably a non-permanent seal member which connects said opposite walls of said container having said two opposite ends.

(Complete Specification 13 Pages Drawings Nil Sheets)

Indian Classification	:	32 F <sub>2</sub>	190382
International Classification <sup>4</sup>	:	A 61 K 31/43.	
Title	:	<b>"A METHOD TO PREPARE CRYSTALLINE 6-AMINO PENICILLANIC ACID(6-APA)".</b>	
Applicant	:	<b>GIST-BROCADES BV, of Wateringseweg 1, PO box 1, 2600 MA Delft, The Netherlands.</b>	
Inventors	:	<b>PIETER THEODORUS KERKHOF. RIENK HENDRIK KUIPERS. HUBERTUS GERARDUS MARIA- WALRAVEN-The Netherlands.</b>	

Application for Patent Number 1045/DEL/98 filed on 23.04.98

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, Delhi Branch, New Delhi – 110 008.

(09 Claims)

A method to prepare crystalline 6-amino penicillanic acid (6-APA) which method comprises:

- (a) obtaining a fermentation broth or fluid containing fermentatively produced N-substituted penicillin in a manner such as herein described;
- (b) extracting the said broth or fluid of step (a) with an organic solvent such as herein described at a pH wherein said N-substituted penicillin is extracted into the said organic solvent to obtain an organic phase;
- (c) extracting the organic phase obtained in step (b) with water in a manner such as herein described at a pH wherein an aqueous phase containing said N-substituted penicillin is obtained;
- (d) treating said aqueous phase of step (c) in a manner such as herein described, without prior isolation of the N-substituted penicillin in a crystalline form, with a penicillin acylase to convert the N-substituted penicillin to 6-APA to obtain a treated aqueous phase containing 6-APA and a side chain; and
- (e) crystallizing the 6-APA from the treated aqueous phase of step (d) in a manner such as herein described to prepare crystalline 6-amino penicillanic acid.

(Complete Specification 13 Pages Drawing NIL Sheets)



Indian Classification	:	32 F	190383
International Classification <sup>4</sup>	:	C07C 62/38	
Title	:	"A PROCESS FOR THE PREPARATION OF 3-ISOCHROMANONE."	
Applicant	:	ZENECA LIMITED, a British company of 15 Stanhope Gate, London W1y 6 LN, England.	
Inventors	:	HANNAH SALLIE ROBERTSON McCANN – BRITISH RAYMOND VINCENT HEAVON JONES – BRITISH	

Application for Patent Number 1542/Del/ 98 filed on 5<sup>th</sup> June. 98.,  
Convention date 11.6.1997,26.8.1997/9712166.9, 9718010.3/ U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Branch, New Delhi – 110 005.

( 15 Claims )

A process for the preparation of 3isochromanone comprising reacting an o-xylene- $\alpha,\alpha'$ -dihalide with carbon monoxide and water in the presence of a catalyst, characterized, in that the pH of the reaction is maintained between 7 and 11; wherein said reaction is carried out in the presence of an organic solvent, preferably in an inert organic solvent at a temperature of less than about 180°C.

(Complete Specification 15 Pages Drawings Nil Sheets)

Indian Classification	: 55 D2	190384
International Classification <sup>4</sup>	: A01N 37/02	
Title	: "AN IMPROVED PROCESS FOR THE PREPARATION OF HEMIACETAL, 4-HYDROXY - 6,6-DIMETHYL-3-OXADICYCLO-(3,1,0)-HEXAN-2-ONE FROM ENOL LACTONE OF (-) -1R-cis-2,2-DIMETHYL-3 (2'-OXOPROPYL) CYCLOPROPANE CARBOXYLIC ACID. "	
Applicant	: MONTARI INDUSTRIES LTD., an Indian Company of 78, Nehru Place, New Delhi - 110 019, INDIA.	
Inventors	: ALOK KHULLAR - INDIAN INDER KUMAR PANDEY - INDIAN RAJEEV KUMAR SHARMA - INDIAN SUDHIR KUMAR SHARMA - INDIAN DHANANJAY SHRIVASTAVA - INDIAN RAJARAM - INDIAN SUNDARESAN MADHUSOODANAN-INDIAN	

Application for Patent Number 1630/Del/98 filed on 12<sup>th</sup> June 1998.  
Complete left after Provisional on 12.2.99.

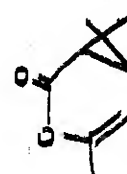
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Branch, New Delhi - 110 008.

( 7 Claims )

A process for the preparation of Hemiacetal, 4-Hydroxy-6, 6-dimethyl-3-oxabicyclo-(3,1,0)-hexan-2-one of formula I comprising:

- dissolving C<sub>9</sub>-Enol lactone in an organic solvent, as herein described,
- subjecting the said solution to ozonolysis at -10°C to -15°C, by conventional means
- adding the said solution slowly to an aqueous, alcoholic or aqueous-alcoholic solution of an inorganic reducing agent as herein described under stirring, maintaining the temperature of the reaction mass at -5 to +20°C,
- stirring the above solution until the quenching process is complete,
- filtering off the inorganic salts,
- removing the solvent at 40 to 45°C/200-10 mm Hg to obtain the crude product consisting primarily of the ether of Hemiacetal,
- hydrolyzing the ether of Hemiacetal with 0.5% aqueous oxalic acid at 25 to 30°C for 6 to 8 hrs to get pure Hemiacetal.

(Provisional Specification 4 Pages Drawing Nil sheets.)  
(Complete Specification 8 Pages Drawings 1 Sheets)



Indian Classification : 55 A, 32 F 190385

International Classification<sup>7</sup> : A 61 K 38/00, A 61 P 11/02, A 61 P 11/06, A 61 P 37/06

Title : "A PROCESS FOR THE PREPARATION OF A COMPOSITION CONTAINING PEPTIDE AND CYCLODEXTRINE USEFUL AS THERAPEUTIC AGENT."

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India (An Indian Registered Body, Incorporated under Registration of Societies Act)

Inventors : ANIL KUMAR DWIVEDI  
PREM PRAKASH GUPTA  
SATYAWAN SINGH

ALL INDIAN

Application for Patent Number 3318/Del/98 filed on 09/11/98.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

(09 Claims)

A process for the preparation of composition containing peptide and cyclodextrine useful as therapeutic agent as herein described, which comprises of adding peptide and cyclodextrine in the ratio 1:1 to 1:5 by wt., in a protic solvent as herein described to prepare a solution, mixing the above said solution at a temperature in the range of 10 to 80 degree C for a period of 2 to 8 hrs. to make clear solution, removing the solvent by known methods as herein described to get free throwing peptide: cyclodextrine complex, washing the said complex with solvent methanol: chloroform in the ratio g 1:1 to 1:6 by vol. and drying, mixing the complex so obtained in a conventional vehicle as herein described to get the said composition.

(COMPLETE SPECIFICATION 09 SHEETS DRAWING SHEETS -NIL-)

Indian Classification	:	83A <sub>1</sub>	190386
International Classification <sup>4</sup>	:	A 23L 1/01	
Title	:	<b>"A PROCESS FOR THE PREPARATION OF CALCIUM AND DIETARY FIBRE RICH BISCUIT".</b>	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	<b>ANTHONY SAMY SELVARAJ. PUNAROOR HARIDAS RAO-both Indian.</b>	

Application for Patent Number 2146/DEL/98 filed on 24.07.98

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, Delhi Branch, New Delhi - 110 008.

(09 Claims)

A process for preparation of calcium and dietary fibre rich biscuit which comprises grinding millets by conventional method such as herein described to a particle size 112-525 micron, sieving to remove coarser particles, regrinding to get fine powder such that of wheat flour, blending millet and wheat flour at a ratio ranging 10:90 to 30:70, adding to the 100 parts of said flour mixture 10-50 parts of fat, 20-50 parts of sweetener, leavening chemicals (acid and alkaline ingredients) 0.58-1.9 parts, salt to taste, colour improver 1-5 parts, flavour improvers 1-5 parts and emulsifier 0.25-2.0 parts, all of the kind such as herein described, adding water to form dough, shaping to desired shape and baking by conventional method to obtain the desired calcium and fibre rich biscuit . .

(Complete Specification 29 Pages Drawing NIL Sheet)

Indian Classification	:	55E4.	190387
International Classification <sup>4</sup>	:	A 61 K 31/00.	
Title	:	<b>"A CONVENIENT METHOD FOR THE LARGE-SCALE ISOLATION OF GRACINIA ACID".</b>	
Applicant	:	Department of Science and Technology, a Government of India Department, located at Technology Bhavan, New Mehrauli Road, New Delhi-110 016, India.	
Inventors	:	IBRAHIM IBNU SAUD. PUTHIAPARAMPIL TOM THOMAS. BEENA THOMAS-all Indian.	

Application for Patent Number 2248/DEL/98 filed on 03.08.98.

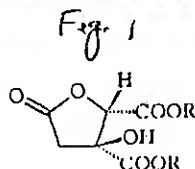
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Delhi Branch, New Delhi - 110 008.

(10 Claims)

**A process for the isolation of Garcinia acid from the fresh or dried rinds of the  
fruits of *Garcinia indica*, *Garcinia cambogia*, *Garcinia atroviridis*, comprising  
the steps of, in sequence :**

- a) subjecting the rinds to extraction to form an extract.**
- b) Adding a solvent to the extract to remove pectin and form a filtrate**
- c) Converting the filtrate to form an alkali salt**
- d) Neutralizing the alkali salt with an acid, followed by evaporation, to  
form a concentrate**
- e) Purifying said concentrate using a solvent to remove inorganic matter  
as impurities, to form a second filtrate**
- f) Concentrating the second filtrate to yield a crude Garcinia acid**
- g) Recrystallizing the crude to form pure crystals of Garcinia acid.**

(Complete Specification Pages 11 Drawing 02 Sheet)



I  
Ia : R = H  
Ib : R = CH<sub>3</sub>  
Ic : R = C<sub>2</sub>H<sub>5</sub>  
Id : R = CH<sub>2</sub>C<sub>6</sub>H<sub>5</sub>

Indian Classification : 55E4. 190388

International Classification<sup>4</sup> : A 61 K 31/00.

Title : "A METHOD FOR PRODUCING MULTILAMELLAR COALESCENCE VESICLES (MLCVs)".

Applicant : BIOMIRA USA INC., of 1002 Eastpark Boulevard, Cranbury, New Jersey 08512, United State of America.

Inventors : LAWRENCE BONI.  
MICHAEL BATENJANY.  
STELLA GEVANTMAKHER.  
MIRCEA POPESCU-all U.S.

Application for Patent Number 2930/DEL/98 filed on 05.10.98.

Convention date: -60/060,606; 01.10.97; USA.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Delhi Branch, New Delhi - 110 008.

(09 Claims)

A method for producing multilamellar coalescence vesicles (MLCVs) containing a biologically active compound as hereindescribed, wherein said method is performed without the use of an organic solvent, a freeze-thawing step or a dehydration step, said method comprising:

- hydrating at least one powdered lipid in an aqueous buffer at a temperature above the phase transition temperature of the highest melting lipid to form multilamellar vesicles (MLVs);
- reducing the size of the MLVs to 20-400 nm to produce small unilamellar vesicles (SUVs) or large unilamellar vesicles (LUVs) or a mixture thereof and if desired, sterile filtering the SUVs LUVs or combination thereof, and
- incubating the SUVs, LUVs or mixture thereof with at least one biologically active compound of the kind hereindescribed, in an aqueous solution under sufficient conditions such as hereindescribed to form MLCVs containing said at least one biologically active compound.

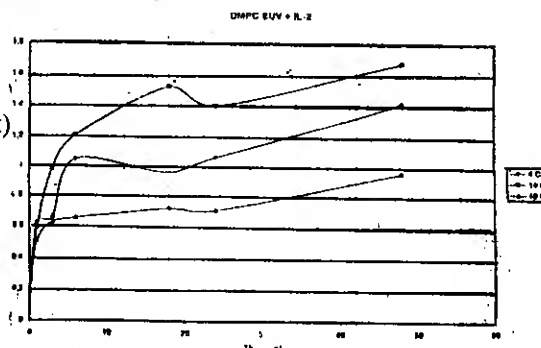


Fig. 1A

(Complete Specification Pages 19 Drawing 05 Sheet)

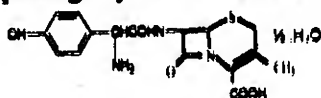
Indian Classification	:	32 F2 IX (1)	190389
International Classification <sup>7</sup>	:	C07D 501 /22	
Title	:	"PROCESS FOR PREPARING CRYSTALLINE CEFADROXIL, HEMIHYDRATE FROM CEFADROXIL DIMETHYLFORMAMIDE SOLVATE "	
Applicant	:	RANBAXY LABORATOIRES LTD., A Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi - 110019. INDIA.	
Inventors	:	YATENDRA KUMAR - INDIAN SHAIENDRA KUMAR SINGH - INDIAN	

Application for Patent Number 969/Del/99 filed on 14<sup>th</sup> July 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Branch, New Delhi - 110 008.

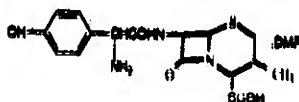
( 5 Claims )

An improved method for preparing crystalline cefadroxil hemihydrate of formula II



II

which comprises slurring cefadroxil dimethyl formamide solvate of Formula I,



with a mixture of a lower alkanol having one to six carbon atoms and water, at a temperature in the range of about 40°C to 50°C, and isolating the crystalline cefadroxil hemihydrate from the reaction mixture.

(Complete Specification 5 Pages Drawings 2 Sheets)

Indian Classification	:	34A.	190390
International Classification <sup>4</sup>	:	C08L 1/08	
Title	:	<b>"A COMPOSITION BASED ON CELLULOSE FORMATE".</b>	
Applicant	:	MICHELIN RECHERCHE ET TECHNIQUE S.A of Route Louis Braille 10 et 12, CH-1763 Granges-Pacot, Switzerland.	
Inventors	:	PHILIPPE ESNAULT. RIMA HUSTON. JEAN-PAUL MERALDI-all Switzerland.	

Application for Patent Number 952/DEL/95 filed on 25.05.95.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Delhi Branch, New Delhi – 110 008.

(11 Claims)

A composition based on cellulose formate and a solvent system for this formate wherein the concentration of cellulose formate is at least equal to 4% by weight, characterised by the following features:

- a) the solvent system is formed from at least one constituent (I) which is an aprotic solvent for cellulose formate and of at least one constituent (II) which is a non-solvent for cellulose formate, the amount of said non-solvent, or of the totality of said non-solvents, being at least equal to 10% by weight and at most equal to 40% by weight of the total weight of the solvent system;
- b) at ambient temperature and upto the temperature noted  $T_{\text{ass}}$  herein before defined, the composition is an elastic, thermoreversible gel;
- c) at a temperature at least equal to the gel melting temperature noted  $T_f$  the composition is a spinnable solution.

(Complete Specification Pages 33 Drawing 01 Sheet)



190391

IND. CL. : 143 D (1) XL (5)

INT. CL. : B 65 B 9/00  
9/02

TITLE : PACKAGING APPARATUS.

APPLICANT : HINDUSTAN LEVER LTD.  
HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION  
MUMBAI-400 020,  
MAHARASHTRA, INDIA.  
AN INDIAN COMPANY.

INVENTORS : 1. PHILIP GORDON HADDOW.  
2. GRAHAM LEONARD SHIRLEY.

APPLICATION NO. : 526 BOM 1997 FILED ON : 08-09-1997

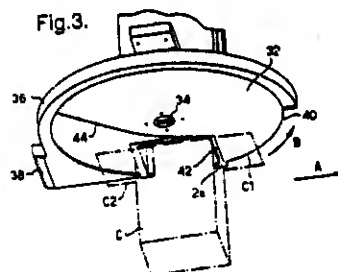
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI 13.

### 09 CLAIMS

Packing apparatus for dispensing a quantity of articles to an open-topped container having a main body and flaps for closure of the container open top after filling said main body, comprising:

- conveyor means for progressing the container along a travel path;
- a container filling means being disposed above said travel path,
- said filling means being a receiver for the articles, having an exit opening from the receiver and at least one tamping device displaceable in the receiver for directing articles in the receiver through said opening;
- said exit opening facing said travel path for the registration of the container open top with the exit opening to transfer the articles from said receiver into the container;
- said filling means further comprising a shutter for closing said exit opening and disposed in a plane between the exit opening and top of the container;
- a rotary mounting for displacement of the shutter in said plane across the opening to open and close the opening;
- said mounting being laterally offset from the travel path of the articles;
- said shutter having a direction of rotation that displaces the shutter across said opening generally in the direction of travel of the container along said path.

Complete specification: 18 pages, Drawings: 03 Sheets



IND. CL. : 172 C<sub>7</sub> 190392  
 INT. CL. : D 01 B - 1/00  
 TITLE : A PNEUMATIC LINT TRANSPORTATION SYSTEM  
 APPLICANT : AHMEDABAD TEXTILE INDUSTRY'S RESEARCH  
 ASSOCIATION, P.O. AMBAWADI VISTAR,  
 AHMEDABAD 380 015, GUJARAT, INDIA.  
 INVENTORS : (1) DAMODARBHAI ISHWARBHAI PATEL  
 (2) RAMESHBHAI KANTILAL PATEL  
 (3) PIYUSH KUMAR HARSHADBHAI SHAH  
 (4) KIRTIKUMAR HARILAL PANCHAL  
 (5) VASANT MAHADEVRAO JOSHI  
 APPLICATION NO : 587 BOM 1997 FILED ON 06.10.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
 PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 08 CLAIMS

A pneumatic lint transportation system for transporting cotton fibres, comprising a series of entry mouth pieces (2), adapted to be connected to double roller gins, a tapered ducting (4) connected to each said entry mouth piece through which the cotton lint is caused to be passed and moved forward, a suction fan (8) for sucking the lint from the said tapered ducting, a stationary condensor (5) for separating air with micro-dust from cotton lint, said condensor (5) having a perforated sheet (6), of curvil-inear shape, and a rotating wiper (7) provided inside the perforated sheet (6), for stripping the lint from the said perforated sheet provided inside the condensor (5), a booster fan (11) for sucking the said lint, separated in the condensor, and blowing the same to the lint halls, and a cyclone separator (16) fitted in each hall and connected to said booster fan to separate air and the lint from each other

Comp.specn.: 09 pages Drawings : sheets

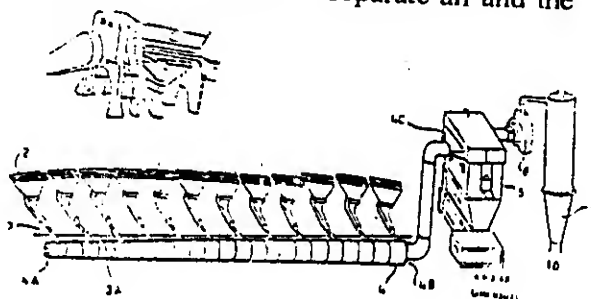


FIG. 1

IND. CL. : 128 A 190393  
INT. CL. : A 61 K- 007/32, 7/00, 7/38  
TITLE : ANTIPERSPIRANT COMPOSITION.  
APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN, EVER HOUSE,  
165/166 BACKBAY RECLAMATION, MUMBAI 400 020,  
MAHARASHTRA, INDIA AN INDIAN COMPANY  
INVENTORS : (1) CHRISTOPHER JOHN CARRUTHERS EDWARDS  
(2) ISABELLE CLAIRE HELENE MARIE ESSER  
APPLICATION NO : 634 BOM 1997 FILED ON 29.10.1997  
Priority No. 9622580.0 dated 30.10.1996 of U.K.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 05 CLAIMS

An cosmetic antiperspirant stick composition suitable for topical application to human skin, comprising:

- i. from 1 to 35% by weight of an antiperspirant astringent;
- ii. from 5 to 70% by weight of a volatile silicone;
- iii. up to 40% by weight of a structurant; and
- iv. 0.1 to 20% by weight of a cross- linked or partially cross-linked non-emulsifying siloxane elastomer.

Comp.specn. 15 pages,

Drawings NIL.

IND. CL. : 170 190394

INT. CL. : C 11 D-3/ 386, C 12 P - 1/00,  
C 12 N-9/08, D 06 M-16/00

TITLE : AN ENZYMATIC OXIDATION PROCESS

APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION, MUMBAI 400 020,  
MAHARASHTRA, INDIA. AN INDIAN COMPANY

INVENTORS : (1) DANIEL CONVENTS  
(2) RUDOLF WILLEM PIETER VAN DRUNEN  
(3) CORNELIS THEODORUS VERRIPS

APPLICATION NO : 686 BOM 1997 FILED ON 25.11.1997

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.**

### **05 CLAIMS**

An enzymatic oxidation process wherein a substance which is to be oxidized is reacted with (a) an enzyme exhibiting peroxidase activity and a source of hydrogen peroxide or an enzyme exhibiting oxidase activity on phenolic compounds and (b) a peptide which enhances the oxidation activity of the enzyme characterized in that the compound selectively binds the substance which is to be oxidized and the substance which is to be oxidized is selected from the group consisting of prophyrin derived structures, tannins, polyphenols, carotenoids, anthocyanins, maillard reaction products and textile dyes.

Comp.specn. : 19 pages

Drawings: NIL

IND. CI : 32 b 190395

INT. CL. : C 07 C 11/02

TITLE : AN IMPROVED PROCESS FOR OLIGOMERISATION OF ALPHA-OLEFINS.

APPLICANT : INDIAN OIL CORPN. LTD., (A GOVT. OF INDIA UNDERTAKING) G - 9, ALI YAVAR JUNG MARG, BANDRA (EAST), MUMBAI - 400 051, & COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT, 1860, ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, INDIA.

INVENTORS : 1) RAKESH SARIN  
2) SABYASACHI SINHA RAY  
3) DEEPAK KUMAR TULI  
4) MADAN MOHAN RAI.  
5) SOBHAN GHOSH  
6) AKHILESH KUMAR BATNAGAR.  
7) SWAMINATHAN SIVARAM  
8) THEKKE PANGIL MOHANDAS  
9) DATTATRAYA HARIBHAU GHOLAP.

APPLICATION NO. : 703/BOM/97 FILED ON 5.12.97

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13

12- CLAIMS.

1. An improved process for oligomerisation and co-oligomerisation of alpha olefins which comprises in the steps of oligomerisation of the olefins in presence of a supported aluminium chloride catalyst as herein described and an organoaluminum compound as a promoter at a temperature of 60 to 180°C and at a pressure of 0 to 2 bars for a period of 10 minutes to 3 hours, separating the catalyst by filtration and subjecting the reaction product to the step of fraction distillation for the removal of the solvent, if necessary, further fractionating the oligomers to obtain poly (alpha olefins) in the desired carbon number range.

IND. CL. : 32 D 190396

INT. CL. : C 07 F 5/06

TITLE : A PROCESS FOR THE PREPARATION OF SUPPORTED ALUMINIUM CHLORIDE CATALYST CONTAINING ORGANO ALUMINIUM COMPOUND.

APPLICANT : INDIAN OIL CORPORATION LIMITED,  
(A GOVT. OF INDIA UNDERTAKING),  
G-9, ALI YAVAR JUNG MARG,  
MAHARASHTRA, BANDRA (EAST)  
BOMBAY – 400 051, INDIA AND  
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH,  
ANUSANDHAN BHAWAN,  
RAFI MARG, NEW DELHI – 110 001.

INVENTOR(S) : 1. SABYASACHI SINHA RAY  
2. RAKESH SARIN  
3. DEEPAK KUMAR TULI  
4. MADAN MOHAN RAI  
5. SOBHAN GHOSH  
6. AKILESH KUMAR BHATNAGAR  
7. SWAMINATHAN SIVARAM  
8. THEKKE PANGIL MOHANDAS  
9. DATTATRAYA HARIBHAU GHOLAP

APPLICATION NO : 704/BOM/1997 FILED ON : 05.12.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI – 13.

### 10 CLAIMS

1. A process for the preparation of an inert inorganic oxide supported metal halide organo aluminium compound catalyst comprising activating said support by heating to a temperature of 150-350°C, reacting said activated support with anhydrous aluminium chloride, adding a solution of aluminium alkyl to the reacted support, removing the solvent and then drying the reacted product.

**Complete Specification: 08 Pages;**

**Drawings NIL Sheets.**

IND. CL. : 143 D5 [XL (5)] 190397

INT. CL. : B 65 B-29/ 02

TITLE : APPARATUS FOR SHAPING A TRAVELLING WEB AND A METHOD OF PRODUCING THE SAME AND AN INFUSION PACKET MADE THEREFROM.

APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY

INVENTORS : (1) JAMES GOODWIN  
(2) JAMES ROBERT STEMBRIDGE

APPLICATION NO : 722 BOM 1997 FILED ON 15.12.1997

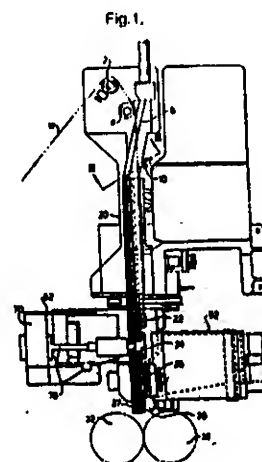
**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### **28 CLAIMS**

Apparatus for shaping a traveling web into a tubular form in a form-fill process, comprising a fixed guide for the web, said guide defining a track for the web tapering in the direction of web travel, a former tube extending beyond the exit end of the guide in the direction of web travel, said tube having a longitudinal axis oblique to the guide and intersecting the guide track, means placing the web under tension to fold over the side margins of the web overlapping the side edges of the tapering guide track as the web travels along the guide so that the web transferring from the guide to the former tube has an open tubular form, said means for placing the web under tension comprising traction elements adjacent the former tube for gripping together opposed edges of said side margins of the web as they travel along the tube, said traction elements being driven to draw the web along the guide and onto the former tube.

Comps.specn. 28 [pages]

Drawings 04 sheets



**IND. CL.** : 136 E [XIII] 190398

**INT. CL.** : B 29 D 30/I8

**TITLE** : PROCESS AND PLANT (MACHINARY) FOR IMPROVED BEAD PRODUCT OF TYPE INDUSTRY.

**APPLICANT** : DASHARATH BABURAO CHAVAN  
1/6 WAGHJAI BUILDING,  
JIMMI BAUG, KARPE WADI,  
KALYAN (EAST), DIST: THANE,  
MAHARASHTRA, INDIA. AN INDIAN NATIONAL

**INVENTOR(S)** : IDEM

**APPLICATION NO** : 723/BOM/1997 **FILED ON** : 15.12.97

**COMPLETE SPECIFICAITON AFTER PROVISIONAL SPECIFICATION FILED ON 19.06.98.**

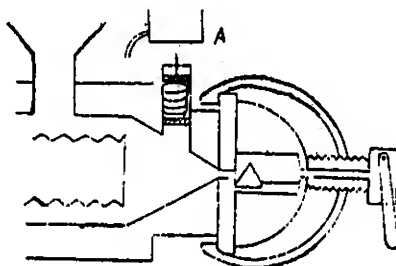
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

#### 06 CLAIMS

A method of manufacturing improved rubber bead for tyre industry comprising the following steps:

- i) feeding multiplicity of steel wires side by side through a rubber extruder so as to get rubber coated steel wire strips,
- ii) the said rubber coated steel wires strip is provided with rubber extruder with triangular die arrangement for filling rubber compound from top and rubber coated flipper Fabric from the bottom manually or automatically during its plastic condition/hot sheet condition so as to grip the filler and the rubber coated flipper fabric without adhesive coating.
- iii) beading the said rubber coated steel wire strips with filler on top and rubber coated flipper coating at bottom on a circular wheel to give number of turns as required whereas the initial round is with rubber coated flipper fabric and last round with rubber filler on top.
- iv) flipping the sandwich bead by automatically bead removing flipper machine controlled through electronic sensor.

Fig-1



**Provisional Specification: 41 Pages;**  
**Complete Specification: 44 Pages;**

**Drawings 10 Sheets.**  
**Drawings 12 Sheets.**



IND. CL. : 136 E [XIII] 190399  
INT. CL. : B 29 C 59/02  
TITLE : A PROCESS FOR PRODUCING STAMPED DETERGENT BARS.

APPLICANT : HINDUSTAN LEVER LTD.  
HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION  
MUMBAI-400 020,  
MAHARASHTRA, INDIA.  
AN INDIAN COMPANY.

INVENTORS : 1. ARNOLD BROWN.  
2. DEAN LAWRENCE ASHBAUGH.  
3. PASQUALE MICHAEL BUZZEO.  
4. DANIEL JOHN HEINZ.  
5. EDWARD ROSS STORY.  
6. EDWARD JOHN GIBLIN.  
7. FREDERICK EDMUND STOCKER.  
8. BRIAN EDMONDSON.

APPLICATION NO. : 753 BOM 1997 FILED ON : 26-12-1997

PRIORITY NO : 08/774473 DATED : 30-12-1996 OF U.S.A.  
08/774472  
08/774474

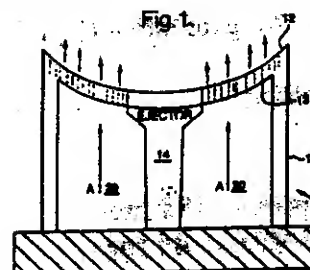
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI 13.

### 11 CLAIMS

A process for producing stamped detergent bar comprising the steps of:

- (i) feeding a detergent bar composition to a stamping means having at least one porous die halves comprising a stamping surface;
- (ii) stamping the composition using the at least one porous die halves to form a stamped detergent bar; and
- (iii) releasing the stamped detergent bar from the stamping means by applying a release fluid through the porous die to the stamping surface.

Complete specification: 19 pages, Drawings: 03 Sheets



IND. CL. : 56 B 190400  
INT. CL. : C 10 G - 11/02  
TITLE : A PROCESS FOR PREPARING FLUIDIZED CATALYTIC CRACKING (FCC) CATALYST SUITABLE FOR HYDRO-CARBON CONVERSION  
APPLICANT : INDIAN OIL CORPORATION LTD, (A GOVT. OF INDIA UNDER TAKING) OF G-9, ALI YAVAR JUNG MARG, BANDRA (EAST), MUMBAI 400 051, MAHARASHTRA, INDIA.  
INVENTORS : (1) SOBHAN GHOSH  
(2) SATISH MAKHIJA  
(3) MOHAN PRABHU KUVETTU  
(4) VENTACHALAM KRISHNAN  
(5) SANJAY KUMAR RAY  
(6) MANORANJAN SANTRA  
(7) RAM MOHAN THAKUR  
(8) JAGDEV KUMAR DIXIT  
APPLICATION NO : 73/BOM/1998 FILED ON 09.02.1998  
COMPLETE SPECIFICATION FILED AFTER PROVISIONAL SPECIFICATION ON: 12.05.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES, 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 07 CLAIMS

A process for preparing fluidized catalytic cracking (FCC) catalyst suitable for hydrocarbon conversion comprising preparing an aqueous slurry of 10-40% by weight alumina, 5 to 50% by wt. aluminum depleted kaolin clay, 0 to 60% by wt. normal kaolin clay, 5 to 35% by wt. silicon enriched rare earth exchanged zeolite ( $\text{NaH}_4\text{ReY}$ ) having 84-90 wt. % silicon content, and pseudoboehmite alumina subjecting said slurry to the step of spray drying to obtain spherical particles and then subjecting the particles to a step of calcination.

Prov.Specn : 18 pages  
Comp.specn.: 24 pages

Drawings: NIL  
Drawings: NIL

**190401**

Ind.Cl : 10A

Int.Cl<sup>4</sup> : F 42 B 3/16

Title : A SHOCK RESISTANT DETONATOR FOR AMPLIFYING AND TRANSMISSION MEANS AND METHOD OF MANUFACTURE.

Applicant : THE ENSIGN-BICKFORD COMPANY, OF 660 HOPEMEADOW STREET, SIMSBURY, CONNECTICUT 06070, U.S.A.

Inventor : 1. ERNEST LAIRD GLADDEN.  
2. THOMAS ALAN NADEAU.  
3. RAYMOND THOMAS OVERSTROM.

Application no. 233/CAL/91 FILED ON 20.3.1991.

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

**12 CLAIMS.**

A shock resistant detonator (12, 28,32) for amplifying and transmitting an initiating signal comprising a tubular housing (13) having interior sidewalls which define an axially extending channel (14) therein, said housing having a closed end (16) and an open end (17) opposite said closed end (16); explosive material (20,22) received in said channel (14) and positioned against said closed end (16); and a barrier-type signal communicating surface (35,43,52) for communicating an initiating signal to said material (20), whereby said signal initiates said material (20) for amplifying and transmitting the signal, characterised in that a cushion element (11) is disposed within said channel (14) between said material and an end of a transmission means (25,30) in form sustaining juxtaposition with said material (22) said element substantially covering said material and having a pliable and shock absorbent surface facing said material and in contact therewith for retaining said material (22) against said closed end (16) – optionally comprising a delay element (27) for delayed transmission of the initiating signal.



**Complete Specification : 18 pages.**

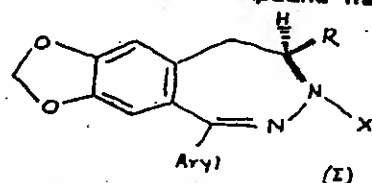
**Drawing : 4 sheets.**

Ind.Cl 55 E<sub>4</sub> 190402  
 Int.Cl<sup>4</sup> A 61 K 31/395, C 07 C 243/00  
 Title : PROCESS FOR PREPARING DIHYDRO-2,3-BENZODIAZEPINE DERIVATIVES.  
 Applicant : ELI LILLY AND COMPANY, OF LILLY CORPORATE CENTER, CITY OF INDIANAPOLIS, STATE OF INDIANA, U.S.A  
 Inventor : 1. BENJAMIN ALAN ANDERSON.  
 2. MARVIN MARTIN HANSEN.  
 3. JEFFREY THOMAS VICENZI.  
 4. DAVID LEE VARIE.  
 5. MILTON JOSEPH. ZMIJEWSKI, JUNIOR

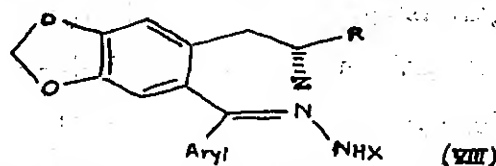
Application no. 1044/CAL/95 FILED ON 30.08.1995.  
 (Convention nos. 08/298,645 AND 08/413,036 FILED ON 31.08.94 AND ON 28.3.95 IN U.S.A.)  
 Appropriate office for opposition proceeding (Rule 4, Patent Rules, 2003)  
 Patent Office Kolkata.

### 10 CLAIMS.

A process for preparing a compound having the general formula:

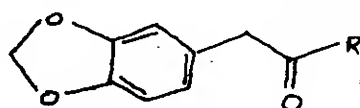


wherein when R is hydrogen or a C-C<sub>1-10</sub> alkyl; and  
 X is hydrogen, C-C<sub>1-10</sub> alkyl, acyl, aryl, carboxyl or a substituted derivative thereof, or a protecting group, or a pharmaceutically acceptable salt thereof, said process comprising cyclising a compound having the general formula

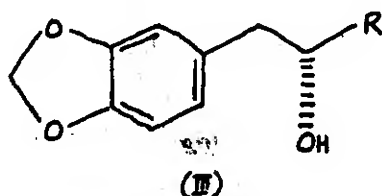


wherein X represents a leaving atom or group, to afford a compound having the general formula I, whereafter, if desired, converting the compound of formula I into another compound of formula I and/or forming a pharmaceutically acceptable salt; or wherein when R is hydrogen or C-C<sub>1-10</sub> alkyl; and  
 X is hydrogen, C-C<sub>1-10</sub> alkyl, acyl, aryl or carboxyl, or a substituted derivative thereof, said process comprising the steps of:

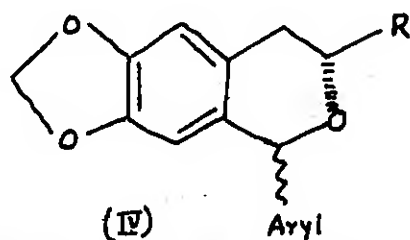
a. providing a quantity of a compound having the formula:



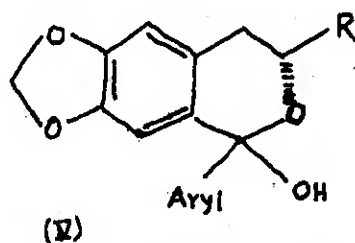
b. asymmetrically reducing the compound of formula II to yield a compound having the formula :



c. reacting the compound of formula III with an arylaldehyde compound of formula  $\text{Aryl}.\text{CHO}$  to yield an isochroman compound having the formula :

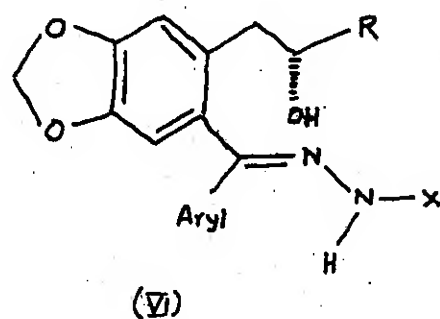


d. reacting the compound of formula IV with an oxidizing agent to yield a compound of the formula :



e. reacting the compound of formula V with a hydrazide derivative of formula  $\text{H} \cdot \text{NNHX}$  to yield a compound of the formula :

2



F. reacting the compound of formula VI with a (i) sulfonyl halide reagent and a base, to form an intermediate sulfonate; or (ii) by direct cyclization in a manner such as herein described to yield the compound of formula I.

*Complete Specification : 43 pages.      Drawing : nil*

**190403**

Ind.Cl : 69 I  
Int.Cl<sup>4</sup> : H 01 H 73/00 , 75/00, 83/00  
Title : A CIRCUIT BREAKER.  
Applicant : EATON CORPORATION, OF 1111 SUPERIOR AVENUE,  
CLEVELAND, OHIO 44114, U.S.A  
Inventor : 1. JOSEPH CHARLES ENGEL.  
2. RAYMOND WARREN MACKENZIE.  
Application no. 754/CAL/96 FILED ON 25.04.1996.  
(Convention no. 471, 132 FILED ON 06.06.1995. IN U.S.A)

Appropriate office for opposition proceeding (Rule 4, Patent Rules, 2003)

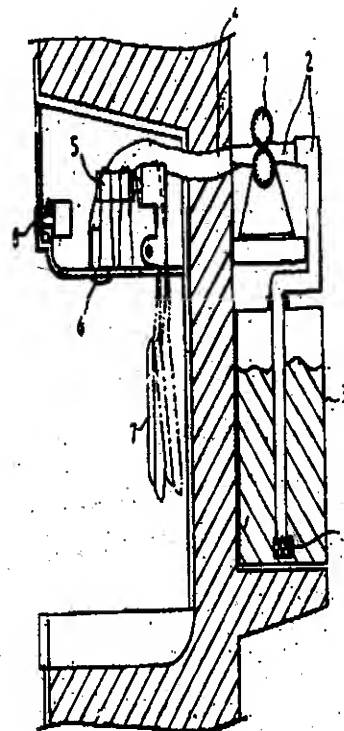
Patent Office Kolkata.

**26 CLAIMS.**

A circuit breaker for interrupting current in an electrical system subject to an arcing current of undetermined amplitude which repetitively strikes said circuit breaker comprising:

Separable contact (11) which interrupt said current in said electrical system comprising of the said arcing current when open; and

Arcing fault detector (23) which is trip circuit, comprising pulse generating means (29) generating a pulse with an amplitude which is a direct function of said undetermined amplitude of said arcing current each time said arcing current strikes to produce a series of pulses, trip signal generating means (116,116') generating a trip signal as a function of an accumulated , time attenuated amplitude of said pulses, and means (13) opening said separable contacts in response to said trip signal



**Complete Specification : 20 pages**

**Drawing : 5 sheets.**

Ind.Cl : 186 B.  
 Int.Cl<sup>4</sup> : H 03 M - 7/30  
 Title : APPARATUS FOR DETERMINING A MOTION VECTOR.  
 Applicant : DAEWOO ELECTRONICS CO. LTD. OF 541, 5- GA,  
 NAMDAEMOON-RO; JUNG-GU, SEOUL, REPUBLIC OF KOREA  
 Inventor : SANG-HO KIM.  
 Application no. 1194/CAL/96 FILED ON 28.6.1996.

190404

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

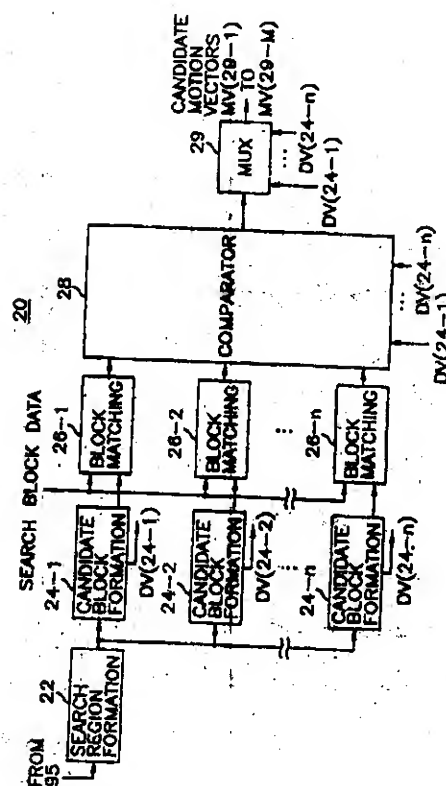
### 3 CLAIMS.

An apparatus for determining a motion vector between a current frame and its reference frame of video signals, wherein the current frame is divided into a plurality of search blocks of an identical size and the reference frame comprises a corresponding number of search region, each search region further comprising a multiplicity of candidate blocks of said identical size, which comprising:

A search region formation section (22), candidate block formation sections (24-1 to 24-n) and block matching sections (26-1 to 26-n) for motion-estimating a search block with respect to its corresponding search region to thereby generate and error function and a displacement vector for each of the candidate blocks included in the corresponding search region, the displacement vector representing a displacement of pixels between the search block and said each of the candidate blocks;

A comparator (28) and multiplexer (29) for generating a multiple number of candidate motion vectors based on the error functions, wherein the candidate motion vectors represent displacement vectors of candidate blocks which are selected such that none of the error functions thereof is greater than an error functions for an unselected candidate block;

A motion compensation block (31) and difference generator (32-1 to 32-M) responsive to the candidate motion vectors, for providing error signals of said multiple number, each of the error





signals representing a difference of pixel data between the search block and each of the selected candidate blocks;

Transform blocks (34-1 to 34-M) for obtaining transform data consisting of a corresponding multiple number of sets of transform coefficients by transforming each of the error signals into a set of transform coefficients; and

A motion vector determining block (36-1 to 36-M, 38 and 39) for determining a motion vector for the search block based on the transform data.

***Complete Specification : 16 pages.***

***Drawing : 3 sheets.***



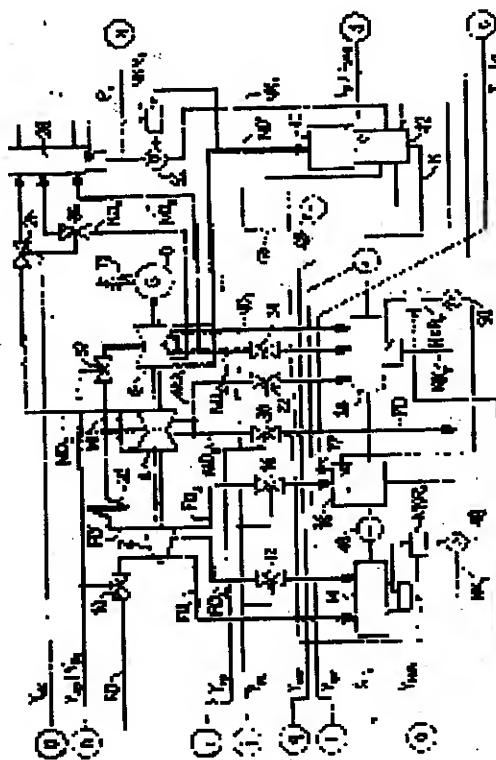
Ind.Cl : 190 B 190406  
Int.Cl<sup>4</sup> : H 02 K - 7/18  
Title : APPARATUS FOR QUICKLY CONTROLLING THE OUTPUT OF  
A POWER STATION FACILITY.  
Applicant : SIMENS AKTIENGESELLSCHAFT  
OF WITTELSBACHERPLATZ 2, D80333 MUNCHEN GERMANY  
Inventor : 1. DR. OLDRICH ZAVISKA.  
2. DR. CHRISTIAN FRICKE.  
3. DR. HERBERT FURUMOTO.  
Application no. 1963/CAL/96 FILED ON 12.11.1996.  
(Convention no. 19542433.6 FILED ON 14.11.1995 IN GERMANY.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### 7 CLAIMS.

Apparatus for quickly controlling the output of a power station facility which has a turbo-generator set having a steam turbine (2,4,6) and a generator (8), energy stores present during the facility process being activatable in order to set an additional generator output ( $P_s$ ), characterised by a fuzzy-logic system (60) whose inputs (a to e) comprise the additional generator output ( $P_s$ ) and the energy situation of the activatable stores, and whose outputs (g to j, l,o,q) specify the degree of activation of the individual energy stores.



Complete Specification : 13 pages.

Drawing : 2 sheets.

Ind.Cl : 32 E. 190407  
C14 : C 08 G - 63/02, 63/78, C07 C - 67/08  
: A CONTINUOUS PROCESS FOR PREPARING POLYESTER  
PREPOLYMER  
Applicant : E.I DU PONT DE NEMOURS AND COMPANY, OF STATE OF  
DELAWARE, U.S.A.  
Inventor : DAVID JAMES LOWE.  
Application no. 2144/CAL/96 FILED ON 12.12.1996.  
(Convention no. 60/208,611 FILED ON 14.12.1995 IN USA)  
Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003).

Patent Office Kolkata.

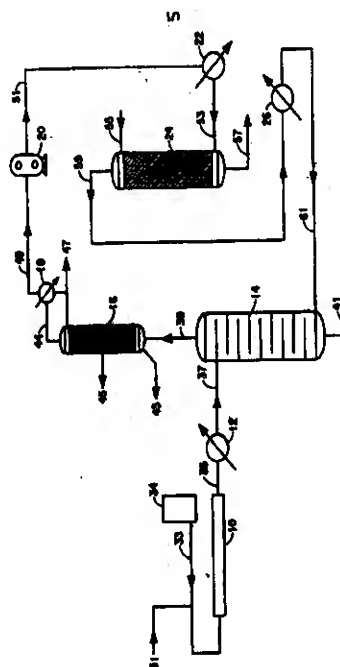
**15 CLAIMS.**

A continuous process for preparing polyester prepolymer comprising the steps of:

- (a) esterifying a diacid, chosen from aliphatic or aromatic diacids having a molecular weight less than 300 with an diol, chosen from aliphatic and cycloaliphatic diols having a molecular weight less than 400, in an esterification reactor to form an esterified material having a carboxyl content of about 400 to about 1200 meq/kg and a degree of polymerization of about 2 to about 15;
- (b) incorporating diol into the esterified material by continuously feeding the esterified material to a diol-incorporation reactor wherein the pressure ranges from about 24.7 psia to 189.7 psia (170 kPa to 1310 kPa) and the temperature ranges from about 200°C to about 350°C and wherein the diol is fed to the diol-incorporation reactor at a flowrate ranging from about 0.5% to about 15% of the flowrate of the esterified material, and allowing the diol and esterified material to react for at least 15 seconds in the diol-incorporation reactor to obtain a reaction product having a degree of polymerization ranging from about 2 to about 7 and a carboxyl content of about 25 to about 300 meq/kg lower than the esterified material entering the diol-incorporation reactor;
- (c) continuously passing the reaction product through a heated, pressure-reducing device, thereby allowing diol and other volatile condensation products to flash off;
- (d) continuously passing the reaction product into a top portion of a column reactor containing about 2 to about 50 plates, while countercurrently and continuously feeding into a bottom portion of the column reactor a stream of predominantly inert

gas at a flow rate of about 0.02 to about 0.75 (kg inert gas)/kg bottoms product), wherein the minimum temperature of the inert gas as it enters the column reactor is greater than about 5°C above the freezing point of the prepolymer removed from the bottom of the column reactor and the flow rate of the reaction product is such that it has a residence time in the column reactor of at least about 2 minutes;

- (e) withdrawing in a manner such as herein described a gas stream from the top of the column reactor and removing water; diol, low-molecular-weight solids and degradation reaction products from the gas stream;
- (f) collecting in a manner such as herein described, from the bottom of the column reactor, polyester having a lower carboxyl content and a higher degree of polymerization than the esterified material from the esterification reaction, whereby the carboxyl content is in the range of about 25 to about 800 meq/kg lower than the esterified material entering the diol-incorporation reactor and the degree of polymerization is in the range of about 10 to about 30.



**Complete Specification : 22 pages.**

**Drawing : 1 sheet.**

Ind.CI : 206 G. 190408  
 Int.Cl<sup>4</sup> : H 03 D – 5/00 , 3K – 9/00  
 Title : A SYSTEM FOR RECEIVING AND ADAPTIVELY PROCESSING  
 A VIDEO SIGNAL.  
 Applicant : THOMSON CONSUMER ELECTRONICS, INC. OF 10330 NORTH  
 MERIDIAN STREET, INDIANAPOLIS 46290-1024, USA  
 Inventor : JOHN SIDNEY STEWART.  
 Application no. 1168/CAL/96 FILED ON 24.6.1996.

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

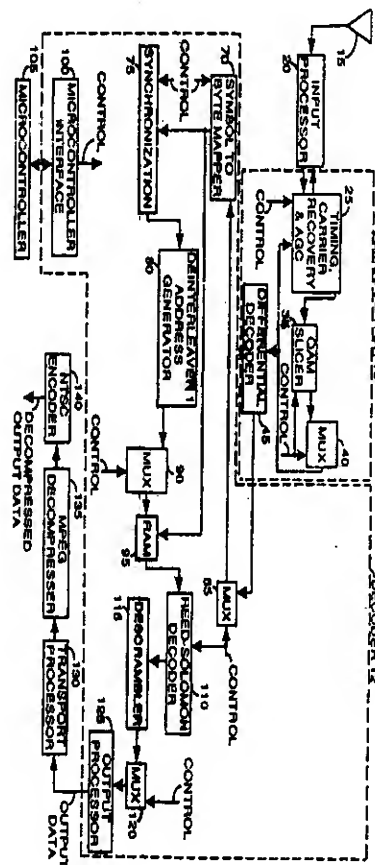
### 16 CLAIMS.

A system for receiving and adaptively processing a video signal encoded in one of a plurality of different formats suitable for satellite, terrestrial or cable transmission apparatus said system comprising :

An adaptive decoder for providing a first decoded output as a function of a code rate selected from a plurality of code rates;

An adaptive deinterleaver for deinterleaving said first decoded output in accordance with a deinterleaving function selected from a plurality of deinterleaving functions; and

An output signal processor for processing deinterleaved output data.



Complete Specification : 25 pages.

Drawing : 6 sheets.

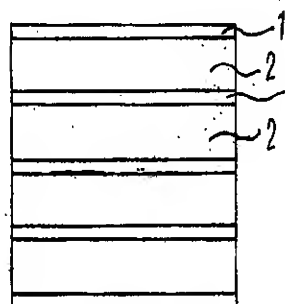
Ind.Cl : 14 C , 206 E **190409**  
Int.Cl<sup>4</sup> : H 01 L – 41/083 41/24, H 04 R – 17/00, C 04 B – 35/472  
Title : A PROCESS FOR PRODUCING A PIEZOELECTRIC ACTUATOR  
OF MONOLITHIC MULTIPLAYER DESIGN.  
Applicant : SIMENS AKTIENGESELLSCHAFT  
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
Inventor : 1. DIETER CRAMER.  
2. HANS HELLEBRAND  
3. DR. KARL LUBITZ.  
Application no. 515/KOL/97 FILED ON 21.03.1997.  
(Convention no. 19615695.5 FILED ON 19.4.96 in GERMANY.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### **5 CLAIMS.**

Process for producing a piezoelectric actuator of monolithic multi layer design characterized in that, to produce piezoceramic green films, the starting point is a stoichiometric piezoceramic powder of the lead zirconate titanate (PZT) type, to which a stoichiometric excess of a heterovalent rare earth metal A-site dopant upto an overall content of 1 to 5



mol% and a stoichiometric excess of an additional 1-5 mol% of lead oxide are added, wherein electrode layers of a paste containing silver and palladium are applied to the green films, the said green films are stacked one another and then laminated such that an alternating sequence of green films and electrode layer in the stack results, the laminated stack is sintered under controlled sintering in an oxidizing atmospheric conditions such that excess lead oxide evaporates off and the hyperstoichiometric rare earth doping is compensated by inward diffusion of silver from the electrode layers into the piezoceramic layer, the sintering is carried out a maximum temperature of 1130<sup>0</sup>C in an oxidising atmosphere, and during the sintering a holding phase of 30 to 120 minutes at the maximum temperature is maintained to obtain stoichiometric piezoceramic layers (2) with homogenous silver doping.

**Complete Specification : 15 pages.**

**Drawing : 1 sheets.**

Ind.Cl : 31 C **190410**  
 Int.Cl<sup>4</sup> : H 01 C 7/02  
 Title : A METHOD OF MANUFACTURING A VARISTOR.  
 Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD, OF 1006  
 OAZA KADOMA, KADOMA-SHI, OSAKA 571, JAPAN.  
 Inventor : 1. HIDEAKI TOKUNAGA.  
 2. MIHO HIGASHITANI.  
 3. YASUO WAKAHATA.  
 Application no. 988/CAL/97 FILED ON 28.5.97.

(Convention no.9120603 AND 8-139876 FILED ON 3.6.96 AND 12.5.97 IN JAPAN.)

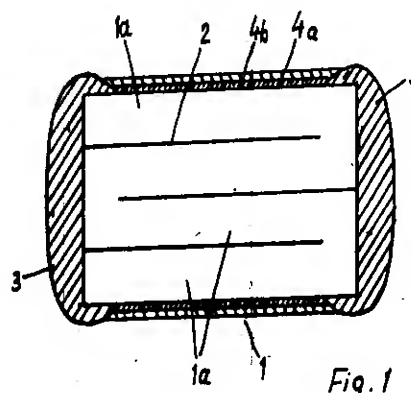
Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### 6CLAIMS.

A method of manufacturing a varistor comprising :

A first step of obtaining a varistor element by forming material comprised of  $\text{ZnO}_3$  a second step of forming at least two first electrodes at a specific spacing on a surface of the varistor element,



A third step of applying a first heat treat to the varistor element having said at least two first electrodes to sinter the varistor element, and

A fourth step of applying a second heat treatment at a temperature of  $600^{\circ}\text{C}$  to  $950^{\circ}\text{C}$  after placing Si compound powder on a surface of the sintered varistor element to form a high-resistance layer comprising  $\text{Zn}_2\text{SiO}_4$  on the surface of the varistor element.

**Complete Specification : 11 pages.**

**Drawing : 1 sheets.**



190411

Ind.Cl.: 45 E

Int Cl<sup>4</sup> : B 31 D 1 / 04

"ROLLED TISSUE PRODUCT CONTAINING  
DISCRETE OVERLAPPED TISSUE SHEETS"

APPLICANT(S) : KIMBERLY-CLARK WORLDWIDE  
INCORPORATED  
401 N.LAKE STREET  
NEENAH, WISCONSIN 54956  
U S A  
A US COMPANY

INVENTOR(S) : 1. JANICA SUE BEHNKE;  
2. SCOTT ALLEN BAUM;  
3. RODNEY LAWRENCE ABBA.

Application No. 1010/MAS/95 filed on 08-Aug-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

### 34 CLAIMS

A tissue product comprising a roll of multiple, discrete, consecutive tissue sheets which overlap each other in the circumferential direction of the roll.

COMP.SPECN: 13 PAGES DRAWING: 5 SHEETS.

Ind.Cl.: 40 H, F 190412  
Int Cl<sup>4</sup> : B 01 D 53 / 00  
B 01 J 19 / 00  
"AN APPARATUS FOR TREATING FLUE GASES"  
APPLICANT(S) : EBARA CORPORATION  
11-1 HANEDA ASAHI-CHO  
OHTA-KU, TOKYO  
JAPAN  
A JAPANESE BODY CORPORATE  
INVENTOR(S) : 1. MASAO NOMOTO;  
2. KENJI FUJITA;  
3. HIDEO HAYASHI.  
Application No. 1045/MAS/95 filed on 16-Aug-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 ; PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

#### 6 CLAIMS

An apparatus for treating flue gases comprising a reactor (4) for treating flue gases such that the feed flue gas is mixed with ammonia and irradiated with electron beams to be freed of nitrogen oxides and/or sulfur oxides, characterized in that means (12) for adding ammonia within the reactor is provided at a position in the flow of the flue gas that is upstream of the center of the electron beams being provided within the reactor by a distance no more than 2.5 times the range of the electron beams.

COMP.SPECN: 13 PAGES

DRAWING: 7 SHEETS.

Ind.Cl.: 173 A 190413

Int Cl<sup>4</sup> : B 05 B 1 / 00

"AN EJECTION NOZZLE"

APPLICANT(S) :  
APLICATOR SYSTEM AB  
OF METALLVAGEN 6<sup>5</sup>435 33  
MOLNLYCKE, SWEDEN  
A SWEDISH COMPANY

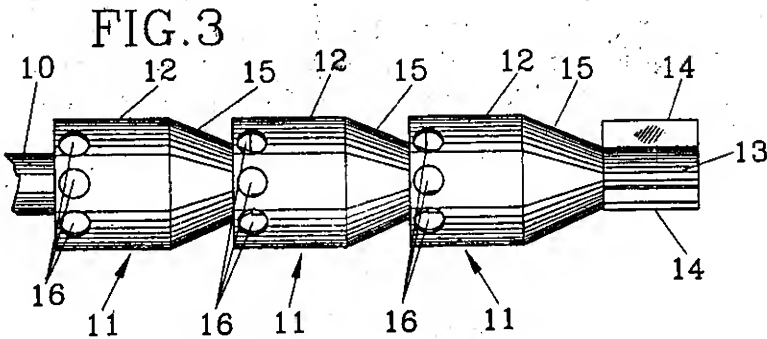
INVENTOR(S) : 1. KJELL SAND.

Application No. 1062/MAS/95 filed on 22-Aug-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

9 CLAIMS

An ejection nozzle for transport of fibre thread pieces by means of compressed air, e.g. reinforcement material for manufacturing fibre reinforced plastic products, from a cutter to a moulding cavity, which nozzle is provided with a common flow duct for the compressed air and the fibre thread pieces, characterized in that the flow duct passes along at least one reflector surface (15) for the air flow, and that at least one opening (16) for evacuation of air to the surroundings is located along the flow duct.



COMP.SPECN: 9 PAGES DRAWING: 1 SHEET.

Ind. Cl. : 125 B 1 XLI (8)

190414

Int Cl<sup>4</sup> : B 65 D 83/06  
G 01 F 11/20

"A DEVICE FOR CONTINUOUSLY INCORPORATING  
PRECISELY METERED POWDERED MATERIAL  
SUCH AS CARBON BLACK INTO AN ELASTOMER"

APPLICANT(S) : SEDEPRO  
OF 230, RUE LECOURBE - 75015  
PARIS FRANCE  
A FRENCH COMPANY

INVENTOR(S) : 1. DANIEL LAURENT.

APPLICATION NO : 1183 MAS 95 filed on 12-Sep-95

Divisional to Patent Application No:507/MAS/91  
Ante-dated to 3rd July, 1991

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.  
2 CLAIMS

A device for continuously incorporating precisely metered powdered material such as carbon black into an elastomer comprising a mixing chamber (9), a metering device for granular/pulverulent products comprising product feed means; a rotor (2) having a circular plate (21) on to which the product is delivered by the feed means; means for rotatably driving the said rotor (2), the said plate being bordered by a cylindrical wall (22) bored with at least one channel (24), a cylinder (3) containing the rotor (2), adjusted with respect to the said cylindrical wall (22) so as to leave a slight clearance to permit the rotation of the rotor (2) inside the cylinder (3), said cylinder (3) comprising a port (5) disposed axially opposite the said channel or channels (24), a screen (4) which is fixed with respect to the cylinder (3) and disposed axially at the same level as the said port (5), radially inward of the cylindrical wall (22), and adjusted with respect to the latter so as to permit movement of the rotor (2), the said screen (4) extending angularly beyond both sides of the port (5) by an amount corresponding at least to the angular opening of the said channels and a transfer chamber (6) located down stream of the port (5), the said transfer chamber being in communication with the mixing chamber via a diverging passage and housing a slidable delivery piston.

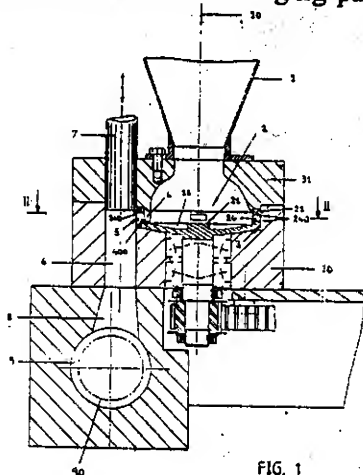


FIG. 1

COMP.SPECN: 10 PAGES DRAWING: 3 SHEETS.

Ind. Cl. : 134 D ; 129 G

190415

Int Cl<sup>4</sup> : B 62 D - 1 / 16  
B 21 K - 21 / 12**"A METHOD OF PRODUCING A ONE-PIECE  
SHAFT AND YOKE MEMBER"**APPLICANT(S) : DANA CORPORATION  
4500 DORR STREET  
TOLEDO, OHIO  
U S A  
A COMPANY INCORPORATED IN USA

INVENTOR(S) : 1. VIRGINIA MCCLANAHAN, 2. JAMES A. DOGGAN.

Application No. 1545 MAS 95 ON 27-Nov-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.**6 CLAIMS**

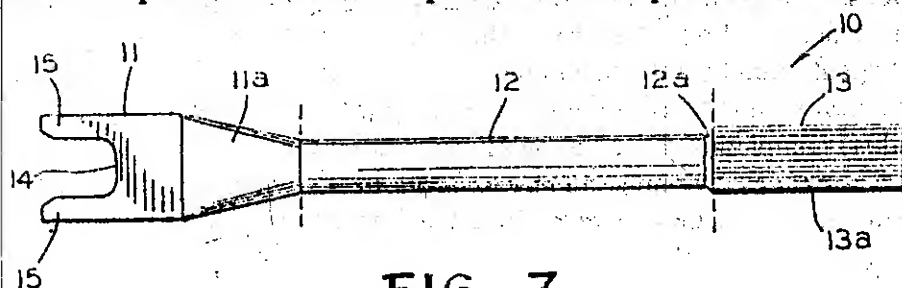
A method of producing a one-piece shaft and yoke member comprising the steps of:

(a) providing a tube including a first portion, a second extending from said first portion, and a third portion extending from said second portion, said tube having a generally circular cross sectional shape and defining a first outer diameter;

(b) subsequent to step(a), subjecting said second and third portions of said tube to a diameter reducing process such that said second and third portions of said tube define a second outer diameter that is smaller than said first outer diameter;

(c) subsequent to step(b), subjecting said second portion of said tube to a diameter reducing process such that said second portion of said tube defines a third outer diameter that is smaller than said second outer diameter;;

(d) subsequent to step (c), forming a yoke on said first portion of said tube and a splined surface on said third portion of said tube to produce said one-piece shaft and yoke member.

**FIG. 7**

COMP.SPECN:13 PAGES DRAWING: 4 SHEETS.

Ind. Cl. : 32 F 1 190416

Int Cl<sup>4</sup> : A 61 K 49 / 04  
B 01 D 15 / 08

"A METHOD FOR PURIFICATION OF NONIONIC  
IODINATED OPACIFIER CONTRAST AGENTS"

APPLICANT(S) : BRACCO IMAGING SPA  
VIA E FOLLI, 50 MILANO  
ITALY  
AN ITALIAN COMPANY

INVENTOR(S) : 1. PIVA RODOLFO;  
2. VISCARDI CARLO FELICE;  
3. GAGNA MASSIMO.

APPLICATION NO : 350 MAS 97 filed on 20-Feb-97

CONVENTION NO : MI96 A 000339 ON 23-Feb-96 ITALY

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

### 13 CLAIMS

A method for purification of nonionic iodinated opacifier contrast agents containing up to 6 iodine atoms per molecule for x-rays, comprising the steps of:

- (a) loading the contrast agent solution on a chromatographic column containing a stationary hydrophobic phase;
- (b) eluting a first fraction, or group of fractions, containing the product and hydrophilic impurities;
- (c) eluting a second fraction, or group of fractions, containing the diluted, substantially pure contrast agent;
- (d) concentrating and simultaneously partially desalinating and purifying the first fraction, or group of fractions, in a tangential filtration system equipped with nanofiltration membranes with rejection of raffinose higher than 90% and rejection of sodium chloride less than 85%;
- (e) adding continuously, or in parts, the second fraction, or group of fractions, to the concentrated retentate derived from step (d) in the same tangential filtrations system to reunite the contrast agent initially contained in the two fractions coming from steps (b) and (c) in to a single solution with reduced volume, containing the contrast agent and traces of ionic impurities and (f) completing deionization of the concentrated solution by passing it through one or more columns containing anionic and cationic ion exchange resins such as herein described to obtain the purified non-ionic, iodinated opacifier contrast agent.

COMP.SPECN: 35 PAGES DRAWING: NIL SHEETS.

Ind.Cl.: 32 F 2 b 190417

Int.Cl.: C 07 D 263 / 38

"AN IMPROVED PROCESS FOR THE  
PREPARATION OF SUBSTITUTED OXAZOLIDINONE  
USEFUL AS ANTIBACTERIAL AGENT"

APPLICANT(S): Dr. REDDY'S RESEARCH FOUNDATION,  
AN INDIAN COMPANY HAVING ITS  
REGISTERED OFFICE AT 7-1-27,  
AMEERPET HYDERABAD-500 016,  
A.P., INDIA

INVENTOR(S): 1. BRAJ BHUSHAN LOHRAY;  
2. SUNDARABABU BASKRAN.

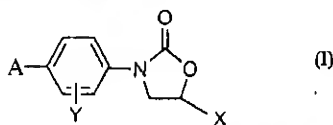
Application No. 2434/MAS/98 filed on 29-Oct-98

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

## 24 CLAIMS

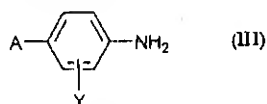
We claim :

1. An improved process for the preparation of oxazolidinone of the formula (I) .

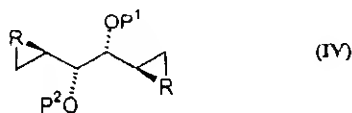


where X represents  $\text{CH}_2\text{OH}$  group; A represents alkyl, aryl, aralkyl, cycloalkyl, heteroaryl, heterocyclyl, acyl, alkoxycarbonyl, aryloxy carbonyl, alkoxy, acyloxy group unsubstituted or substituted by hydroxy, nitro, cyano, alkyl, aryl, alkoxy, acyl, acyloxy groups as herein described; Y represents hydrogen or halogen atom, which comprises :

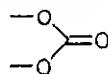
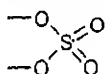
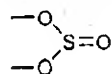
- (i) reacting a compound of formula (III)



where A and Y are as defined above with a compound of formula (IV)

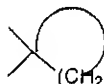


where R represents oxygen atom or a group selected from,

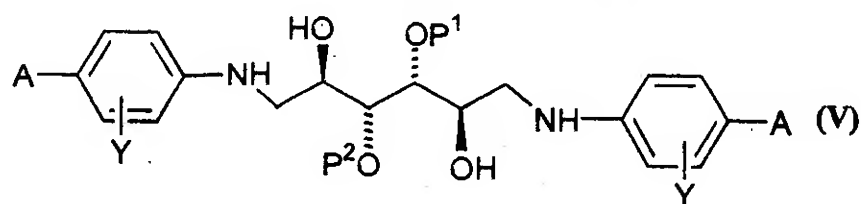


and  $\text{P}^1$  and  $\text{P}^2$  are the protecting

groups and may be the same or different and are independently selected from Bn,  $\text{R}^1\text{Si}$ , p-methoxybenzyl, p-methoxyphenyl, or  $\text{P}^1$  and  $\text{P}^2$  together form

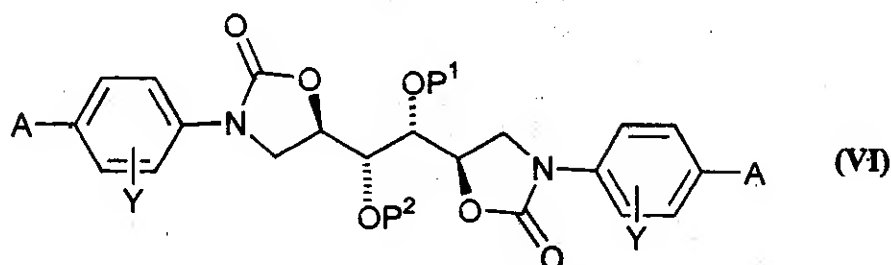


$(\text{CH}_2)_n$ , wherein  $\text{R}^1$  represents  $(\text{C}_1\text{-C}_3)$ alkyl group and n represents an integer in the range of 3 to 6 in the presence of Lewis acid and a solvent at a temperature in the range of  $-78^\circ\text{C}$  to  $200^\circ\text{C}$  to yield a compound of formula (V) as herein defined.



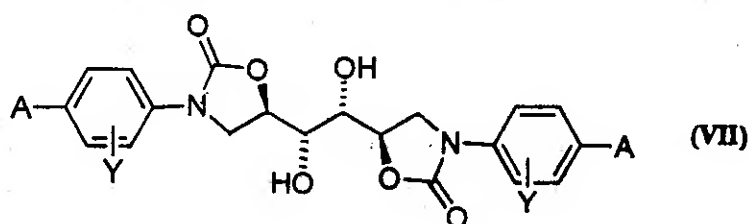
where A, Y, P<sup>1</sup> and P<sup>2</sup> are as defined above,

- (ii) converting the resulting compound of formula (V) where all symbols are as defined earlier to a compound of formula (VI)



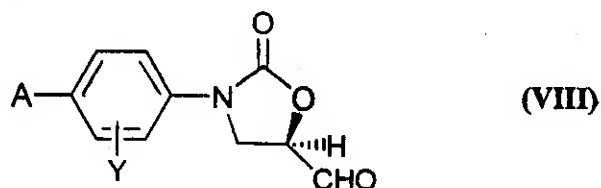
where all symbols are as defined earlier using a suitable carbonylating agent in a basic medium, as herein described,

- (iii) removing the protecting groups P<sup>1</sup> and P<sup>2</sup> in the compound of formula (VI) using conventional deprotecting reagents to obtain compound of formula (VII)



where all symbols are as defined earlier,

- (iv) oxidative cleaving by conventional methods the compound of formula (VII) to a compound of formula (VIII)



where all symbols are as defined above by oxidative cleavage by conventional methods,

- (v) reducing the compound of formula (VIII) to a compound of formula (I) where X represents CH<sub>2</sub>OH group and all other symbols are as defined earlier using conventional carbonyl reducing agents and

- (vi). isolating compound of formula (I) by conventional methods.

(Compl. Specn. : 27 Pages Drawings : Nil Sheets)



Ind. Cl. : 154 D 190418

Int Cl<sup>4</sup> : B 41 F 31 / 00

"A CONTAINER FOR CONTAINING PRINTING LIQUID  
FOR SUPPLYING TO AN INK JET HEAD"

APPLICANT(S) : CANON KABUSHIKI KAISHA,  
OF 3-30-2 SHIMOMARUKO, OHTA-KU,  
TOKYO, JAPAN,  
A JAPANESE COMPANY;

INVENTOR(S) : 1. NORIBUMI KOITABASHI; 2. MASAMI IKEDA;  
3. SADAYUKI SUGAMA; 4. NAOHITO ASAI;  
5. HIROMITSU HIRABAYASHI; 6. TSUTOMU ABE;  
7. HIROSHI SATO; 8. SHIGEYASU NAGOSHI;  
9. EIICHIRO SHIMIZU; 10. MASAHIKO HIGUMA;  
11. YUJI AKIYAMA; 12. HITOSHI SUGIMOTO;  
13. MIYUKI MATSUBARA; 14. SHINICHI SATO;  
15. FUMIHIRO GOTOH; 16. MASAYA UETSUKI.

APPLICATION NO : 233 MAS 99 filed on 24-Feb-99

Divisional to Patent Application No:685/MAS/93  
Ante-dated to 28th Sept. 1993

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

### 21 CLAIMS

A container for containing printing liquid for supplying to an ink jet head for an ink jet recording apparatus, the container comprising; a first chamber containing negative pressure producing material and having an air vent communicating with ambient air and a supply port for supplying printing liquid to ink jet head, the negative pressure producing material comprising at least one of a material made of fibers and a porous material having continuous pores, wherein the negative pressure producing material has a plurality of regions having different structural properties so that the plurality of regions differ in capillary force; and a second chamber providing a printing liquid reservoir for the first chamber, said container further having a wall separating said first chamber and said second chamber, said wall being spaced apart from a bottom of said container to define a communication port through which said second chamber communicates with said first chamber; said second chamber being generally sealed from ambient air except through the communication port, wherein plurality of regions of the negative pressure producing material are disposed so that the capillary force provided by the negative pressure producing material decreases in a direction perpendicular to and towards said wall at least in an area adjacent to the part of the communication port which is uppermost when the container is in use.

COMP.SPECN: 111 PAGES DRAWING: 45 SHEETS.

Ind.Class - 128-F

190419

Int.Cl.<sup>4</sup> - A 61 M 5/30

"A CARTRIDGE FOR USE IN CONJUNCTION WITH AN  
ACTUATOR TO FORM A NEEDLE-LESS INJECTOR"

Applicant: WESTON MEDICAL LIMITED, a British Co.,  
of 2a Hales Barn Workshops, New Street,  
Stradbroke, Suffolk, IP21 5JG, England.

Inventor: THORNLEA, (ENGLAND)

Application No. 969/MAS/99; dated 4th October, 1999.

Convention date: 31st July, 1993;  
(No. 9315915.0; Great Britain)

Divisional to Patent Application No. 710/MAS/94;  
Ante-dated to 29th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4,  
Patents Rules, 2003) Patent Office, Chennai Br..

6 Claims

A cartridge for use in conjunction with an actuator to form a needle-less injector, comprising a body which is of glass having an outlet for discharging a liquid therethrough and a piston slidably mounted in the body, said piston being made of a material such as a plastic material selected from polytetrafluoroethylene, tetrafluoroethylene-hexafluoropropylene copolymer, tetrafluoroethylene-ethylene copolymer, polychlorotrifluoroethylene, poly(vinylidene fluoride), tetrafluoroethylene-perfluoro(propyl vinyl ether) copolymers, and hexafluoroisobutylene-vinylidene fluoride copolymer, which is substantially non-resilient when subjected to a slowly acting force and highly resilient when subjected to a rapidly acting force.

FIG. 8a

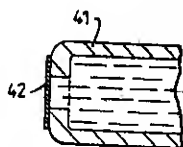
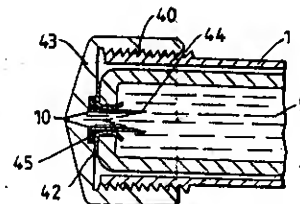


FIG. 8b



(Com. - 32 pages; Drawgs. - 7 sheets)

Ind. Cl. : 54 & 185 E 190420

Int Cl<sup>4</sup> : A 23 F 5 / 00  
A 23 L 1/234

"A METHOD OF MANUFACTURING  
A WHITENED COFFEE CONCENTRATE"

APPLICANT(S) : SOCIETE DES PRODUITS NESTLE S A  
A SWISS BODY CORPORATE  
P O BOX 353  
1800 VEVEY  
SWITZERLAND

INVENTOR(S) : 1. CEVALLOS AGUSTIN;  
2. CHMIEL OLIVER;  
3. MUNZ-SCHAEERER DANIELA DORIS;  
4. KNOBLICH CRISTIN;  
5. BODENSTAB STEFAN;  
6. KUSLYS MARTINAS.

APPLICATION NO : 261 MAS 00 filed on 5-Apr-00

CONVENTION NO : 99108164.7 ON 26-Apr-99 EUROPE

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES 2003 ) PATENT OFFICE, CHENNAI BRANCH.

#### 6 CLAIMS

A method of manufacturing a whitened coffee concentrate, the method comprising the step of stabilising the said concentrate by incorporating a coffee aroma in such whitened coffee concentrate, the stabilised concentrate having a solids concentration above about 25 % by weight.

COMP.SPECN: 1 5 PAGES DRAWING: NIL SHEETS

IND. CL. : 32 F 3(b) 190421

INT. CL. : C 12 P, 7/46

TITLE : A METHOD FOR PRODUCTION OF SUCCINIC ACID.

APPLICANT : APPLIED CARBOCHEMICALS, INC.  
11601 WILSHIRE BLVD., SUITE 500,  
LOS ANGELES, CALIFORNIA 90025,  
U.S.A. AND MICHIGAN STATE  
UNIVERSITY BOARD OF TRUSTEES,  
238 HANNAH ADMINISTRATION  
BLDG., EAST LANSING MICHIGAN 48824, U.S.A.

INVENTORS : 1. KRIS A. BERGLUND.  
2. SANJAY YEDUR.  
3. DILUM D. DUNUWILA.

APPLICATION NO. : 521 BOM 1998 FILED ON : 17-08-1998

PRIORITY NO : 60/056,013 DATED : 18-08-1997  
09/134,061 13-08-1998 OF U.S.A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI 13.

### 11 CLAIMS

A method for production of succinic acid, comprising the steps of:

fermenting a carbohydrate in a fermentation broth with a micro organism which produces succinic acid, in a fermenter;

adding an effective amount of a base component to the fermentation broth during fermentation to maintain a suitably neutral pH for production of succinic acid by the micro organism;

drawing off a portion of the fermentation broth containing succinate and other ions from the fermenter;

combining in a crystallizer, the ions from the drawn off broth with a source of sulfate ions and ammonium ions at an effectively low pH to produce crystalline succinic acid and ammonium sulfate;

cracking the ammonium sulfate to produce at least ammonia and ammonium bisulfate; and

reusing at least a portion of the ammonia in the succinic acid production method and feeding at least a portion of the ammonium bisulfate to the crystallizer.

Complete specification: 24 pages,

Drawings: 03 Sheets

**IND. CL.** : 64 B1 190422

**INT. CL.** : C 06 - 005/04

**TITLE** : SIGNAL TRANSMISSION FUSE AND METHOD OF MAKING THE SAME.

**APPLICANT** : THE ENSIGN-BICKFORD COMPANY, 660 HOPMEADOW STREET, SIMSBURY, CONNECTICUT 06070, UNITED STATES OF AMERICA. AN AMERICAN COMPANY.

**INVENTORS** : (1) NICKOLAY LLIYCH RABOTINSKY  
(2) VLADIMIR VASILIEVITCH FURNE  
(3) URIY GENNADIEVITCH PECHENEV  
(4) IGOR VASILIEVITCH NIKITIN  
(5) IRINA GENADIEVNA BELJANKINA  
(6) ERNEST L. GLADDEN

**APPLICATION NO** : 526 BOM 1998 FILED ON 18.08.1998  
Priority No. 08/920, 516 dated 29.08.1997 of U.S.A.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.**

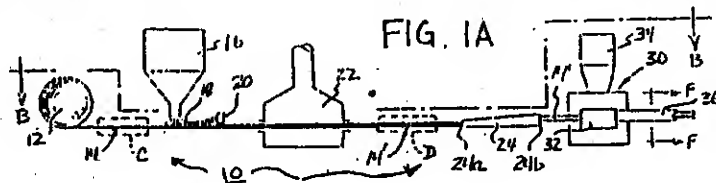
### 31 CLAIMS

A signal transmission fuse comprising:

a tube having longitudinal axis, a tube all defining a tube outer surface and a tube inner surface, the tube inner surface defining a bore extending through the tube; and

a support tape having a first side and an opposite second side, the first side having thereon a reactive coating comprising a reactive material and a binder, the binder being present in the reactive coating in an amount by weight less than the weight of the reactive material but sufficient to cause the reactive coating to adhere to the first side of the support tape more strongly than it would if the binder were absent;

wherein the support tape is disposed within and extends along the bore of the tube with the second side of the support tape facing the tube inner surface, and an open portion of the bore extending through the tube adjacent to the reactive coating.



Comp.specn. 29 pages

Drawings: 03 sheets

**IND. CL.** : 174 G [ LII (4) ] 190423

**INT. CL.** : F 16 F- 15/10

**TITLE** : VIBRATION DAMPER FOR THE CAMSHAFT OF A PISTON ENGINE.

**APPLICANT** : LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG  
OF 77813 BUHL/BADEN, GERMANY, GERMAN COMPANY.

**INVENTORS** : (1) WOLFGANG HASS  
(2) DR. RUBEN SCHMITT  
(3) FRIEDRICH GERHART  
(4) DR. WOLFGANG REIK  
(5) STEFFEN LEHMANN  
(6) WILLI RUDER

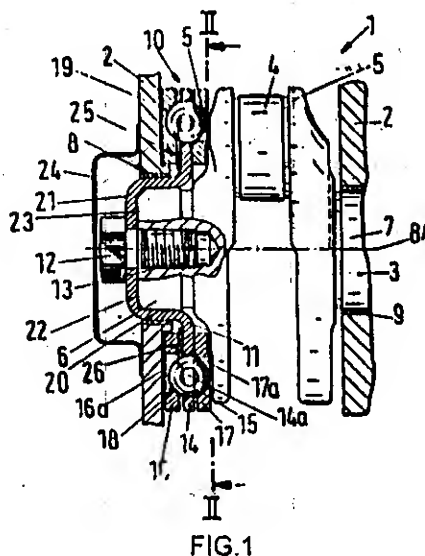
**APPLICATION NO** : 540/BOM/ 1998 FILED ON 25.08.1998.  
Priority Nos. 197 39 374.8 dated 09.09.1997 of Germany.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 12 CLAIMS

A Vibration Damper for a crankshaft of piston engine rotatably journalled in a housing comprises a rotary input element and at least one rotary inertia-enhancing mass, said input element and said at least one mass being rotatable relative to each other and said damping means further comprising energy storing resilient means interposed between said input element and said at least one mass to oppose rotation of said input element and said at least one mass relative to each other.

Comp.specn.: 51 pages Drawings:07 sheets



IND. CL. : 122 190424

INT. CL. : B 01 D-21/26

TITLE : METHOD AND APPARATUS FOR CONTROLLABLY CONDUCTING A SOLUTION, OBTAINED FROM LIQUID-LIQUID EXTRACTION OF TWO SOLUTIONS AND MIXED INTO DISPERSION, TO A WIDE SETTLER

APPLICANT : OUTOKUMPU OYJ, AFINNISH PUBLIC LIMITED COMPANY  
RIIHITONTUNTIE 7, FIN-02200 ESPOO, FINLAND.

INVENTORS : (1) BROR NYMAN  
(2) LAUNO LILJA  
(3) STIG-ERIK HULTHOLM  
(4) JUHANI LYYRA  
(5) RAIMO KUUSISTO  
(6) PETRI TAIPALE  
(7) TIMO SAARENPA

APPLICATION NO : 543 BOM 1998 FILED ON 25.08.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 33 CLAIMS

An apparatus for receiving a dispersion of a liquid-liquid extraction, the apparatus comprising:

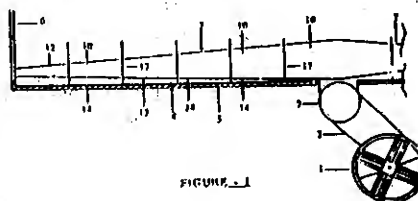
a wide settler having a front wall and two side walls,

an essentially continuous dividing wall structure extending across the settler to the side walls thereof and substantially dividing the settler into an inlet space, between the front wall and the dividing wall structure, and a settling space, the dividing wall structure having an upper edge and there being an upper slot between the upper edge of the dividing wall structure and the settler to allow the dispersion to pass from the inlet space to the settling space, and

an uptake shaft extending to the settler from below for delivering the dispersion to the inlet space,

whereby the dispersion delivered to the inlet space through the uptake shaft passes from the inlet space into the settling space through said upper slot.

Comp.specn. : 19 pages Drawings:08 sheets



**IND. CL.** : 170 D 190425  
**INT. CL.** : C 11 D - 3/00, 11/00  
**TITLE** : BLEACHING COMPOSITIONS  
**APPLICANT** : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,  
 165/166 BACKBAY RECLAMATION, MUMBAI 400 020,  
 MAHARASHTRA, INDIA. AN INDIAN COMPANY  
**INVENTORS** : (1) OLAF CORNELIS PETRUS BEERS  
 (2) BERNARD LUCAS FERINGA  
 (3) MICHEL CAROLUS MARIA GRIBNAU  
 (4) RONALD HAGE  
 (5) ROELANT MATHIJS HERMANT  
 (6) ROBERTUS EVERARDUS KALMEIJER  
 (7) JEAN HYPOLITES KOEK  
 (8) CHRISTIAAN LAMERS  
 (9) JOHANNES GERHARDUS ROELFES  
 (10) STEPHEN WILLIAMS RUSSELL  
 (11) ROBIN STEFAN TWISKER

**APPLICATION NO** : 624/BOM/ 1998 FILED ON 28.09.1998

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
 PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.**

### 10 CLAIMS

A bleaching composition comprising a peroxy bleaching compound and an oxidation catalyst, said oxidation catalyst comprising an Fe-complex having formula (A):



or precursors thereof, in which

Fe is iron in the II, III, IV or V oxidation state;

X represents a coordinating species such as  $\text{H}_2\text{O}$ ,  $\text{ROH}$ ,  $\text{NR}_3$ ,  $\text{RCN}$ ,  $\text{OH}^-$ ,  $\text{OOH}^-$ ,  $\text{RS}^-$ ,  $\text{RO}^-$ ,  $\text{RCOO}^-$ ,  $\text{OCN}^-$ ,  $\text{SCN}^-$ ,  $\text{N}_3^-$ ,  $\text{CN}^-$ ,  $\text{F}^-$ ,  $\text{Cl}^-$ ,  $\text{Br}^-$ ,  $\text{I}^-$ ,  $\text{O}^{2-}$ ,  $\text{NO}_3^-$ ,  $\text{NO}_2^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{SO}_3^{2-}$ ,  $\text{PO}_4^{3-}$  or aromatic N donor such as pyridines, pyrazines, pyrazoles, imidazoles, benzimidazoles, pyrimidines, triazoles and thiazoles with R being  $\text{H}_2$  optionally substituted alkyl or optionally substituted aryl;

n is an integer number ranging from 0-3;

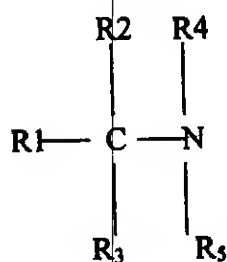
Y is a counter ion, the type of which is dependent on the charge of the complex;



$z$  denotes the charge of the complex and is an integer which can be positive zero or negative, if  $z$  is positive,  $Y$  is an anion such as  $F^-$ ,  $Cl^-$ ,  $BR^-$ ,  $I^-$ ,  $NO_3^-$ ,  $BPh_4^-$ ,  $C_{10}H_7O_2^-$ ,  $BF_4^-$ ,  $PF_6^-$ ,  $RSO_3^-$ ,  $RSO_4^-$ ,  $SO_4^{2-}$ ,  $CF_3SO_3^-$  or  $RCOO^-$ ; if  $z$  is negative,  $Y$  is a common cation such as an alkali metal, alkaline earth metal or (alkyl) ammonium cation;

$$q = z / [\text{charge } Y];$$

$L$  represents a ligand of general formula (B)



(B)

which contains at least five nitrogen atoms and in which the substituent groups  $R_1$ - $R_5$  are selected from hydrogen, hydroxy, halogen, halogen, nitroso, formyl, carboxyl and esters and salts thereof, carbamoyl, sulfo and esters and salts hereof, sulfamoyl, nitro, amino  $C_0$ - $C_{20}$ -alkyl-hydroxy,  $C_0$ - $C_{20}$ -alkyl-halogen,  $C_0$ - $C_{20}$ -alkyl-nitroso,  $C_0$ - $C_{20}$ -alkyl-formyl,  $C_0$ - $C_{20}$ -alkyl-carboxyl, and esters and salts thereof,  $C_0$ - $C_{20}$ -alkyl-carbamoyl,  $C_0$ - $C_{20}$ -alkyl-sulfo, and esters and salts hereof,  $C_0$ - $C_{20}$ -alkyl-sulfamoyl,  $C_0$ - $C_{20}$ -alkyl-amino,  $C_0$ - $C_{20}$ -alkylaryl,  $C_0$ - $C_{20}$ -alkylheteroaryl,  $C_0$ - $C_{20}$ -alkyl alkyl,  $C_0$ - $C_8$  alkoxy, carbonyl- $C_0$ - $C_6$ -alkoxy, and aryl  $C_0$ - $C_6$ -alkyl, provided that  $R_1$  does not represent hydrogen.

Comp.specn. 29 pages

Drawings: Nil

**IND. CL.** : 155 F1 [XXIII] 190426  
**INT. CL.** : E 04 C - 1/40  
**TITLE** : A METHOD OF MAKING A PLANAR PRESSING SURFACE  
FOR PRODUCING DECORATIVE LAMINATE FROM RESIN  
IMPREGNATED PAPER  
**APPLICANT** : PREMARK RWP HOLDINGS, INC. OF 300 MARKET STREET,  
WILMINGTON, DELAWARE 19801, U.S.A. A AMERICAN  
COMPANY.  
**INVENTORS** : (1) MUYUAN M. MA  
(2) JAY T. OLIVER  
**APPLICATION NO** : 689/BOM/1998 FILED ON 28.10.1998  
Priority No. 09/001, 146 dated 30.12.1997 of U.S.A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4, PATENTS  
RULES 2003) PATENT OFFICE BRANCH, MUMBAI-13.

### 10 CLAIMS

A method of making a planar pressing surface for producing decorative laminate from resin impregnated paper, comprising:

imparting a desired finish on a planar pressing surface;

removing contaminants from the planar surface; and

coating the planar surface with diborides, selected from the group consisting of hafnium diboride, molybdenum diboride, tantalum diboride titanium diboride, tungsten diboride, vanadium diboride, or zirconium diboride or mixtures thereof in a planar magnetron sputter coating system to the Vickers hardness of at least 2000,

Wherein the coating step is performed by causing said planar surface and sputtering head of the planar magnetron sputter coating system to move relative to one another at a scanning speed sufficient to provide a thermal gradient in the planar pressing surface of 50° F or less.

IND. CL. : 64 A 190427  
INT. CL. : G 11 003/90  
TITLE : A DEVICE FOR DETECTING DEFECTS SUCH AS SCRATCHES AND CRACKS ON AN ELECTRICALLY CONDUCTIVE SURFACE.  
APPLICANT : DEPARTMENT OF ATOMIC ENERGY,  
ANUSHAKTI BHAVAN,  
CHATRAPATI SHIVAJI MAHARAJ MARG,  
MUMBAI - 400 039.  
MAHARASHTRA, INDIA,  
A GOVERNMENT OF INDIA BODY.  
INVENTORS : 1. P KALYANASUNDRAM.  
2. KV KASIVISWANATHAN.  
3. T JAYAKUMAR.  
4. BALDEV RAJ.

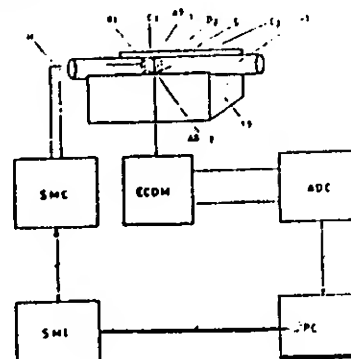
APPLICATION NO. : 779 BOM 1998 FILED ON : 02-12-1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENT'S RULES 2003), PATENT OFFICE BRANCH, MUMBAI 13.

#### 04 CLAIMS

A device for detecting defects such as scratches and cracks on an electrically conductive surface comprising an eddy current probe unit with differential eddy current coils ( $C_1$ ,  $C_2$ ) having a narrow gap of less than  $10\ \mu\text{m}$  between the poles of each of the said coils, the said probe unit being provided with a pair of centering discs ( $D_1$ ,  $D_2$ ) and a drivable handle (H) on one of the centering discs ( $D_1$ ), which is connected to a stepper motor through a stepper motor controller (SMC) and a stepper motor interface (SMI), an eddy current detecting means (ECDM) being connected to the said probe unit for producing analogue signals corresponding to the surface defects, an analogue to digital converter (ADC) for converting the analogue signals received from the said eddy current detecting means (ECDM) to digital signal and the output from the analogue to digital converter is fed to a computer (PC).

Complete specification: 10 pages, Drawings: 02 Sheets

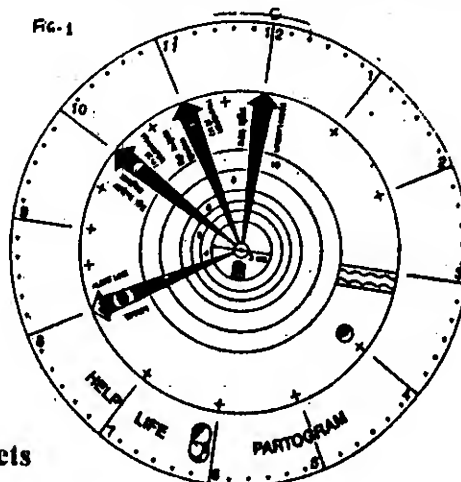


IND. CL. : 20 B 190428  
 INT. CL. : B 42 F 001/10  
 TITLE : PARTOGRAM.  
 APPLICANT : DR. (MRS.) NEELAM BHARDWAJ.  
 402C MAESTROS,  
 WANOWARIE,  
 SALUNKHE VIHAR ROAD,  
 PUNE - 411 040.  
 MAHARASHTRA, INDIA.  
 INVENTORS : IDEM  
 APPLICATION NO. : 1/BOM/1999 FILED ON : 01-01-1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI 13.

### 02 CLAIMS

A partogram comprising : an outer disc, top of which is graduated like a clock showing twelve hours and intervals of ten minutes; an inner disc adopted to set the time to indicate beginning of labour, relatively small rotatable fitted to the center of the said outer disc having four arrows shown in different colours, first arrow indicating beginning of the labour, second arrow indicating alert time, after eight hours are from first arrow; third arrow indicating transfer to primary health center and fourth arrow indicating transfer to district hospital of a pregnant woman, per vaginum examination marked after four hours from first arrow, foetal heart test at every hour from first arrow and half an hour there after from the second arrow and two contraction check within ten minutes.



Complete specification: 05 pages, Drawings: 01 Sheets

**IND. CL.** : 83 A2 [XIV (5)] 190429  
**INT. CL.** : A 23 G , 9/00  
**TITLE** : A PROCESS FOR THE PREPARATION OF A WATER ICE PRODUCT .  
**APPLICANT** : HINDUSTAN LEVER LIMITED  
HINDUSTAN LEVER HOUSE, 165/166, BACKBAY  
RECLAMATION, MUMBAI-400 020. MAHARASHTRA,  
INDIA, AN INDIAN COMPANY.  
**INVENTORS** : (1) DOUGLAS JAMES BARNES  
(2) ADRIAN DANIEL  
(3) VIJAY ARJUN SAWANT

**APPLICATION NO.:** 23/BOM/1999 **FILED ON** 11.01.1999  
**PRIORITY NO. 9801966.4 DATED 29.01.1998 OF U.K.**

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES, 2003), PATENT OFFICE BRANCH, MUMBAI-400 013.

### 08 CLAIMS

A process for preparation of a water ice product, comprising the steps;

- (i) aeration of a water ice composition with an aerating gas which contains at least 50% by volume of a water soluble gas such as herein described;
- (ii) freezing in a freezer such that the residence time in the freezer is approximately 2.5 to 10 minutes; and
- (iii) two-stage hardening such as herein described.

Comp.specn. 20 pages

Drgs. 01 Sheets

**IND. CI** : 107 C 190430  
**INT. CL.** : F 01 C 001/02  
**TITLE** : MUFFLERS.  
**APPLICANT** : KIRLOSKAR COPELAND LIMITED  
 DADHE RUIKAR HOUSE, 2007, TILAK ROAD,  
 PUNE - 411 030. MAHARASHTRA, INDIA.  
 AN INDIAN COMPANY  
**INVENTOR** : 1) BHALCHANDRA KALE.  
 2) RAJA KUPPURATHINAM.

**APPLICATION NO. :** 32/BOM/99 FILED ON 13.1.99

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13**

### 05- CLAIMS.

A compressor discharge reactive muffler comprising :  
 a shell defining a generally cylindrical sound attenuation chamber having a longitudinal axis, said chamber having an inlet opening disposed at a lower end of said shell and an outlet opening disposed at an upper end of said shell, in the operative configuration of the muffler as installed in a compressor,

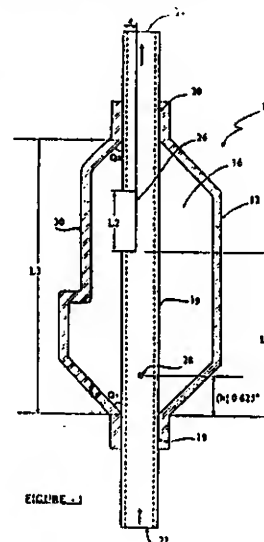
a single piece tube disposed within said attenuation chamber and having a central passage defined along a central axis, an outlet end, and an inlet end, said inlet end sealingly connected to said inlet opening for receiving gas entering said muffler, said outlet end sealingly connected to said outlet opening for discharging said gas from said muffler, said tube being straight with said central axis of said tube extending generally parallel to said longitudinal axis of said shell;

means defining a slot formation through the wall of said tube on said tube disposed within said attenuation chamber said slot formation spaced from the said inlet and the said outlet openings in accordance with the following relationship;

$0.15 \leq L_1/L_3 \leq 0.5$ ; and  $7 \leq L_1/L_2 \leq 9$  where  $L_3$  is the length of the tube within the inner space of the attenuation chamber,  $L_2$  is the length of the slot formation and  $L_1$  is the distance between downstream end of the tube in the attenuation chamber and the beginning of the slot formation; and

means defining an opening through the wall of said tube on said tube disposed within said attenuation chamber.

**Complete Specification 22 pages; Drawings 13 sheets.**



Indian Classification	:	32C.	190431
International Classification <sup>4</sup>	:	C07C 121/00.	
Title	:	<b>"AN IMPROVED PROCESS FOR THE PREPARATION OF CYANOPYRIDINES".</b>	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	SHIVANAND JANARDAN KULKARNI. REVUR RAMACHANDRA RAO. MACHIRAJU SUBRAHMANYAM. SURESH FARSINAVIS. PANJA KANTA RAO. ALLA VENKAT RAMA RAO-all Indian.	
Kind of Application	:	PROVISIONAL/COMPLETE.	

Application for Patent Number 955/DEL/95 filed on 25.05.95

Complete left after Provisional specification filed on 23.08.96.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)

Patent Office, Delhi Branch, New Delhi – 110 008.

(04 Claims)

An improved process for the preparation of cyanopyridines which comprises passing a feed consisting of 3-picoline or 4-picoline ammonia in a molar ratio ranging from 1:1 to 1:20 water and air/oxygen ranging from 30 cc per min. to 100 cc per min. over a vanadium-silico-alumino-phosphate (VSAPO) catalyst prepared by the process such as herein described at a temperature in the range of 300-450°C and weight hourly space velocity of liquid feed products in the range of 0.25 to 1.0 per hour, recovering the cyanopyridines by conventional methods.

(Provisional specification 04 Pages Drawing NIL Sheet)

(Complete Specification 08 Pages Drawing NIL Sheet)

Indian Classification	:	32C.	190432
International Classification <sup>4</sup>	:	C07C 121/00.	
Title	:	<b>"AN IMPROVED PROCESS FOR THE PREPARATION OF CYANOPYRIDINES".</b>	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	SHIVANAND JANARDAN KULKARNI. REVUR RAMACHANDRA RAO. MACHIRAJU SUBRAHMANYAM. SURESH FARSINAVIS. PANJA KANTA RAO. ALLA VENKAT RAMA RAO-all Indian.	

Application for Patent Number 956/DEL/95 filed on 25.05.95

Complete left after Provisional specification filed on 23.08.96.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)

Patent Office, Delhi Branch, New Delhi – 110 008.

(03 Claims)

1. An improved process for the preparation of cyanopyridines which comprises passing a feed consisting of 3-picoline or 4-picolines in a molar ratio of 1:1 ammonia to 1:20 water and air / oxygen in the range of 30 cc per minute to 100 cc per minute over a crystalline, porous silica alumino phosphate (SAPO) catalyst prepared by the process such as herein described at a temperature in the range of 300-450 °C and weight hourly space velocity of liquid feed products in the range of 0.25 to 1.0 per hour recovering by conventional methods to obtain cyanopyridines.

(Provisional specification 04 Pages Drawing NIL Sheet)  
(Complete Specification 08 Pages Drawing NIL Sheet)



Indian Classification :- 136 F 190433

International Classification<sup>4</sup> :- B 29 C

Title :- "APPARATUS FOR PROVIDING A VACUUM IN A SEGMENTED TIRE MOLD"

Applicant :- THE GOODYEAR TIRE & RUBBER COMPANY, of the State of Ohio, United States of America, having our principal place of business and a post office address at 1144 East Market Street, Akron, Ohio 44316-0001, United States of America.

Inventors :- VERONIQUE MORIS- HERBEUVAL - BELGIUM  
RAYMOND - MERX - LUXEMBOURG  
KLAUS - SCHMITT - GERMAN  
HELMUT - DERNBACH - GERMAN  
CRAIG DAVID MILLER - U.S.A.  
BERNARD BYRON JACOBS - U.S.A.

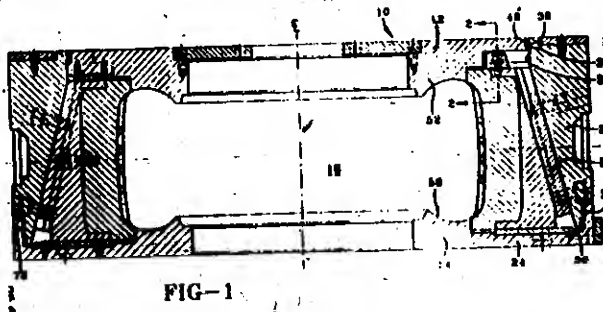
Kind of Application :- COMPLETE

Application for Patent Number 1169/del/1995 filed on 23/06/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 13 )

Apparatus for providing a vacuum in a segmented tire mold having an upper sidewall assembly and a lower sidewall assembly, a plurality of radially moveable tread mold segments operable with said upper sidewall assembly and said lower sidewall assembly to define a tire mold cavity in the closed position of said tire mold, a conical actuating ring assembly surrounding said mold segments and slidably engagable with said mold segments to provide radial movement of said mold segments into engagement with said upper sidewall assembly and said lower sidewall assembly, said apparatus characterized by: (a) a first sealing means between said actuating ring assembly and said lower sidewall assembly; (b) a second sealing means between said actuating ring assembly and said upper sidewall assembly; (c) said first sealing means and said second sealing means being operative to seal a space defined by said actuating ring assembly, said upper sidewall assembly, said lower sidewall assembly and an associated tire in said tire mold cavity, said space being sealed while said tread mold segments are spaced from said associated tire; and (d) means for communicating said vacuum to said space for removing gases from said tire mold cavity upon closing of said mold.



Complete Specification

No of Pages

21

Drawings Sheets

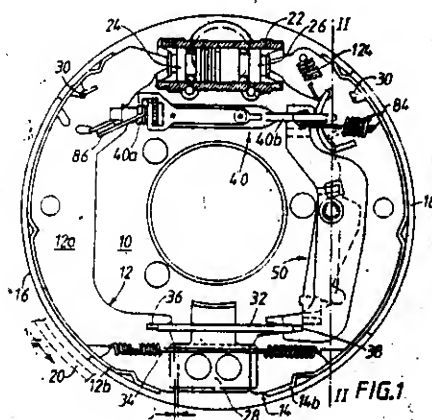
14

Indian Classification	24 F/ 24 B, 134 D	190434
International Classification <sup>4</sup>	F 16 D 65/14, F 16 D 65/22	
Title	"A Drum Brake"	
Applicant	Alliedsignal Europe Services Techniques, of 126 Rue de Stalingrad, 93700 Drancy, France.	
Inventors	JEAN CHARLES MALIGNE FRANCE	
Kind of Application	COMPLETE	
Application for Patent Number	1905/del/1995	filed on 17/10/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008

( Claims 09.)

A drum brake having a carrier plate (10) on which there are slidably mounted two shoes (12, 14) each one including a web (12a, 14a) and a rim section (12b, 14b) of which the face opposite the drum (20) receives a friction lining (16, 18) capable of being brought into frictional engagement against an internal face of the drum (20) by a hydraulic actuation device (22) acting on a first end of the webs (12a, 14a) of the shoes (12, 14), a variable-length strut (40) which, in interaction with a tension spring (30), determines the separation of the shoes (12, 14) and which is located in the vicinity of the hydraulic actuation device (22), a second end of the webs (12a, 14a) of the shoes (12, 14) bearing, when the drum brake is at rest or hydraulically actuated, on a bearing piece (28) integral with the carrier plate (10), a mechanical actuation device (60, 70) for bringing the friction linings (16, 18) into frictional engagement against the internal face of the drum (20) and the webs (12a, 14a) of the shoes (12, 14) away from the bearing piece (28) by means of a force-transmission device (70) mounted on the web (14a) of a first shoe (14) and bearing, when the drum brake is mechanically actuated, on the web (12b [sic]) of a second shoe (12) by means, on the one hand, of the variable-length strut (40) and, on the other hand, of a means (32) for joining the two shoes (12, 14) together, characterized in that a brace (100) is located on the web (14a) of the first shoe (14) and includes an active part (114) interposed retractably between the first end of the web (14a) of the first shoe (14) and one end (79) of the force-transmission device (70).



Indian Classification	: 32F <sub>1</sub> ; 55E <sub>4</sub> .	190435
International Classification <sup>4</sup>	: A 61K 31/00	
Title	: "AN IMPROVED PROCESS FOR THE PREPARATION OF $\alpha$ -BROMO PHENYL ACETIC ACID".	
Applicant	: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	: ARAVIND BAPURAO LANDGE. VISHWANIYANT GOPAL NAIK-BOTH INDIAN	

Application for Patent Number 1354/DEL/96 filed on 20.06.96.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Delhi Branch, New Delhi – 110 008.

(06 Claims)

An improved process for the preparation of  $\alpha$ -bromophenylacetic acid which comprises of slowly adding bromine at a rate such as here in described to phenylacetic acid, with red phosphorus in presence of an initiator such as benzyl peroxide, cumene hydroperoxide, AIBN or devices for irradiation using UV, visible rays providing free radical at 70- 125°C for 2 to 5 hrs with constant stirring, stopping the addition of bromine and further stirring the reaction mixture for 1 to 2 hrs, cooling the reaction mixture to room temperature, pouring this mixture into ice cold water to precipitate  $\alpha$ -bromophenylacetic acid, separating the precipitate by filtration, washing with water and drying the precipitate to yield  $\alpha$ -bromophenylacetic acid.

(Complete Specification 09 Pages Drawing NIL Sheet)

Indian Classification	:	83A <sub>1</sub> .	190436
International Classification <sup>4</sup>	:	A 23L 1/29	
Title	:	"A PROCESS FOR THE PREPARATION OF ENTERALFOOD, USEFUL AS FOOD FOR PATIENTS AT HYPERCATABOLIC STATE ESPECIALLY THE THERMALLY INJURED PATIENTS".	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJMARG, NEW DELHI-100 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).	
Inventors	:	NAGAPPA GURUSIDDAPPA MALLESHI. MEERA CHAKRAVARTY-ALL INDIAN.	

Application for Patent Number 1355/DEL/96 filed on 20.06.96.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, Delhi Branch, New Delhi—110 008.

(03 Claims)

A process for the preparation of enteral food useful as a food for patients at hypercatabolic state especially the thermally injured patients, which comprises:

- i) Soaking viable seeds of cereals preferably barley, paddy (rough rice), wheat and finger millet (minor cereal) in excess water separately for a period ranging from 12—30 hr,
- ii) Germinating the said soaked seeds separately for a period ranging from 1—4 days by known methods,
- iii) Drying the germinated cereals separately either in sun or in mechanical dryer by known methods,
- iv) Removing the rootlets of dried cereal sprouts separately by known methods,

- v) Kilning the resultant green malts separately in the temperature range of 50—70°C for a period in the range of 30—60 min,
- vi) Dehusking malted paddy in rice shelter by known methods, and moistening the outer layers of the brown rice malt and malted cereals with 2—7% additional water and tempering for 5—20 minutes separately and milling the individual malted cereals separately in abrasive, comminuting, friction, roller, attrition or alike mills alone or in combination and sieving off through 80—120 mesh sieve to prepare cereal malt flours.
- vii) Preparing edible flour from amaranth seeds by processing substantially by known methods so that most of the nutrients of the seeds remain in the product,
- viii) Toasting defatted soy flour at a temperature in the range of 70—90°C, for 15—20 min,
- ix) Homogenising together the Yolk and the white from fresh avian eggs preferably from hen, for a period ranging from 5—15 sec.
- x) Preparing curd (yogurt) by known methods containing  $2-4 \times 10^9$  cfu of Lactic acid bacteria per ml curd using bovine milk cultured with known strains of pure Lactic acid bacteria,
- xi) Blending malt flours in the range of 15—30% obtained from different cereals in step (vi) separately or mixture of them, edible amaranth seed flour in the range of 5—15% obtained in step (vii), soya flour in the range of 5—25% obtained in step (viii), mashed egg in the range of 15-20% obtained in step (ix), pasteurized fresh milk (0.5—25%), sucrose (5—10%), fish oil (5—10%), soya oil (5—10%), edible gum (0.5-3%) and glycerin (0.5-2%),
- xii) Mixing the resultant blend with potable water to prepare a 25—35% solid contents slurry, heating the slurry at a temperature ranging 55-65° C by raising the temperature at the rate of 2-3°C per min, maintaining the slurry at that temperature for 5-20 min. further, raising the temperature to boiling, bailing for 5-10 min and cooling to ambient temperature,
- xiii) Adding the curd obtained in step (x), and also the premix of vitamins and minerals to the slurry,
- xiv) Homogenising the mixture by known methods and spray drying the slurry at 160-190°C air temperature and 60—90°C material temperature, to get the desired product.

(Complete Specification Pages 28 Drawing NIL Sheets)

Indian Classification	:	55E <sub>4</sub>	190437
International Classification <sup>4</sup>	:	A 61K 31/00, A61K 35/78.	
Title	:	<b>"A PROCESS FOR THE PREPARATION OF A CHOLESTEROL LOWERING SUBSTANCE (ALLICIN)".</b>	
Applicant	:	NATIONAL RESEARCH DEVELOPMENT CORPORATION (A Government of India Enterprise) of 20-22, Zamroodpur Community Centre, Kailash colony Extension, New Delhi-110 048. INDIA.	
Inventors	:	POTHAPRAGADA SURYANARAYAN-MURTHY. RATTI RATNAKAR-Both Indian.	

Application for Patent Number 981/DEL/97 filed on 15.04.97.

Complete specification left after Provisional specification filed on 01.05.98

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Delhi Branch, New Delhi - 110 008.

(05 Claims)

A process for the preparation of cholesterol lowering substance (allicin) from garlic comprising removing the outer cover from fresh garlic cloves, mixing said cloves with distilled ethanol in the ratio of 1:2 respectively, subjecting said mixture to the step of homogenization at a temperature of 4-6 °C and leaving the same for overnight, filtering the slurry so obtained and extracting the residue again with ethanol, subjecting the combined extracts to the steps of centrifugation and filtration, concentrating the extract so obtained in vacuo and subjecting the residual layer to the step of extraction with chloroform again and again, drying the combined chloroform extract over anhydrous sodium sulfate and concentrating the same in vacuo to get oily layer of said substance (allicin).

(Provisional specification 03 Pages Drawing NIL Sheet)  
(Complete Specification 07 Pages Drawing NIL Sheet)

Indian Classification	:	40 F	190438
International Classification <sup>4</sup>	:	C07B 43/02	
Title	:	"A PROCESS FOR THE NITRATION OF AN AROMATIC OR HETEROAROMATIC COMPOUND."	
Applicant	:	SYNGENTA LIMITED ( formerly known as ZENECA LIMITED), European Regional Centre, Priestley Road, Surrey Research Park, Guildford, Surrey GU2 7YH, England.	
Inventors	:	IAN JEFFREY GRASSHAM PRIESTLEY – U.K. JAMES PETER MUXWORTHY – U.K. JOHN HEATHCOTE ATHERTON – U.K. MARTIN LENNON – U.K. STEPHEN MARTIN BROWN – U.K.	

Application for Patent Number 3109/Del/ 97 filed on 28<sup>th</sup> Oct. 97.  
Convention date 1.11.1996; 28.7.1997/ 9622784.8; 9715846.3/ U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 005.

( 12 Claims )

A process for the nitration of an aromatic or heteroaromatic compound, of the kind such as herein described, with a nitrating agent comprising a mixture of nitric and sulphuric acids containing 30 to 45% nitric acid, and optionally, in the presence of acetic anhydride, characterized in that the nitration is performed in a solvent comprising at least 50% v/v of a C<sub>1</sub>–C<sub>6</sub> alkyl ester of a C<sub>1</sub>–C<sub>4</sub> carboxylic acid.

(Complete Specification 18 Pages ; Drawings Nil Sheets)

Indian Classification	:	55 E	190439
International Classification <sup>4</sup>	:	A61K 35/78	
Title	:	"A PROCESS FOR THE PREPARATION OF A HERBAL COMPOSITION FOR USE FOR THE TREATMENT OF RHEUMATOID ARTHRITIS."	
Applicant	:	DINESH BOTHRA, an Indian National of 630, Maruti Mane Block, Asiad Village Complex, New Delhi-110 049, INDIA.	
Inventors	:	GOVIND PRASAD DUBEY - INDIAN ARUNA AGARWAL - INDIAN	

Application for Patent Number 619/Del/ 98 filed on 11<sup>th</sup> March 98.  
Complete left after provisional on 9.6.99

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Branch, New Delhi - 110 008.

**( 9 Claims )**

A process for the preparation of a herbal composition for use for the treatment of rheumatoid arthritis comprising mixing :-

- i) 25 to 250 mg organic extract of Vitex nigundo (Nirgundi) plants
- ii) 25 to 250 mg organic extract of Pluchea lanceolata (Rasna) plants
- iii) 25 to 250 mg organic extract of Sida cordifolia (Bala) plants
- iv) 50-300 mg organic extract of Tinospora cordifolia (Guduchi) plants
- v) 50-300 mg organic extract of Commiphora mukul (Guggulu) plants
- vi) 50-30 mg organic extract of Withania somnifera (Ashwagandha) and/or the remainder being optionally a known conventional additives to every 500 mg of the said composition.

(Provisional Specification 6 Pages ; Drawings Nil Sheets)  
(Complete Specification 11 Pages ; Drawings Nil Sheets)



190440

Ind. Cl. : 206E

Int. Cl.<sup>4</sup> : G 06F 15/10

Title : "A SYSTEM FOR TRANSLATING A FIRST PROGRAM CODE TO A SECOND PROGRAM CODE".

Applicant : DIGITAL EQUIPMENT CORPORATION, a corporation organised under the laws of the State of Massachusetts, United States of America, of 146 Main Street, Maynard, Massachusetts 01745, United States of America.

Inventor(s) : 1. SCOTT G. ROBINSON-U.S.A., 2. RICHARD LEK SITES-U.S.A. 3. RICHARD THOMAS WITEK-U.S.A.

Application for Patent No. 686/Del/91 Filed on 30.07.91.

Appropriate Office for Opposition proceedings Rule 4, (Patents Rules 2003) Patent Office Branch, New Delhi-110 005.

#### Claim 1

A system for translating a first program code to a second program code, said system comprising :

a first computer system having a first processor for translating the first program code to the second program code and a first memory system coupled to said first processor;

means for translating each successive instruction in the first code to second code instructions;

means for organising the second code instructions for each first code instruction into a granular instruction sequence having in order at least two groups, a first group including these second code instructions that do instruction work other than state up-date and can be aborted after execution without risking a state error, and a second group having all memory and register state update instructions including any special write instruction required to implement the first code instruction being translated;

a second computer system for executing the second code generated as output by said first computer system, said second computer system having said second architecture and having a second processor and a memory and register state including a second memory system coupled to said second processor;

means for determining during second code execution the occurrence of each event intervening that possibly creates or conflict with memory atomicity of said first special write instruction or the occurrence of a conflicting write to said first memory location by said other processor if it is coupled to said memory;

means for aborting for a retry any granular second code instruction sequence to preserve state-atomicity and first code instruction granularity if an asynchronous event intervenes in the instruction sequence execution before all of the first group instructions have been executed or, if not, before the execution of any second group instruction that may be executed, thereby enabling subsequent asynchronous event processing;

means for aborting for a retry until successful execution is completed said first special instruction subsequence in any granular second code instruction sequence that includes said first subsequence of a conflicting write is made by said other processor before completion of execution of said first subsequence; or if said first subsequence is a single write instruction including multiple steps and if a conflicting write is detected to have been made by said other processor before completion of execution of said first subsequence.

means for aborting any granular second code instruction sequence that includes first subsequence for a retry said first subsequence is single write instruction and if an asynchronous event interrupt occurs during attempted execution of said first subsequence; and means for delaying the processing of an asynchronous event interrupt and completing any granular second code instruction sequence being executed A) if said first or second subsequence is included in the granular instruction sequence and if the asynchronous event interrupt occurs at most after a first write during execution of said first or second instruction subsequence or B) if the asynchronous event occurs after execution of all state update instructions in said second group that are subject to possible exception.

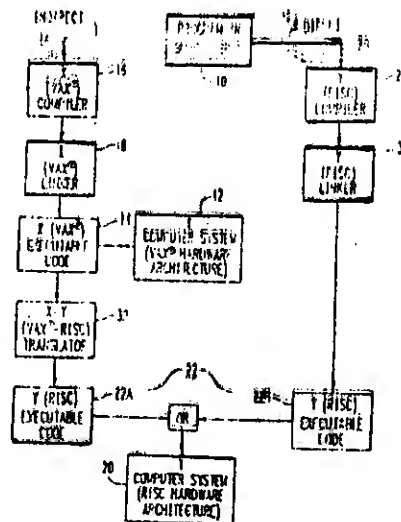


FIGURE 1

(Complete Specification 40 Pages

Drawing Sheets 7)

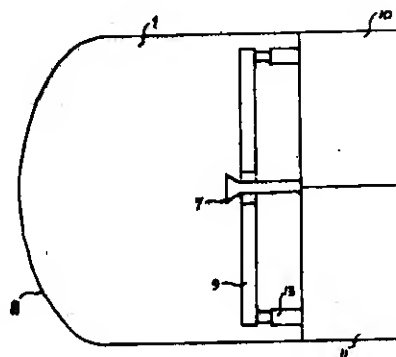
Ind.Cl : 206 C **190441**  
Int.Cl<sup>4</sup> : G 01 S 13/68  
Title : RADAR APPARATUS PROVIDED WITH AN ANTENNA.  
Applicant : THALES NEDERLAND B.V OF ZUIDELIJKE HAVENWEG  
40, 7550-GD, HENGELLO, THE NETHERLANDS.  
Inventor : 1. ANTONIUS JOHANNES MARIA WITHAG.  
2. PETER JAN COOL.  
3. HENK FISCHER.  
Application no. 810/CAL/1993 FILED ON 23.12.1993.

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### **2 CLAIMS.**

Radar apparatus provided with an antenna (1) for connecting to a substantially non-recoiling part of a gun barrel (4) of a gun (2) equipped with servo motors (5,6), a radar transmission device (10), a radar reception device (11), a radar data processor and servo control means (12), for generating control signals for the servo motors (5,6) such that in a first operational mode the apparatus is fit for automatically tracking a target, characterized in that the



antenna (1) is Cassegrain antenna provided with a parabolic reflector (8) and a flat mirror (9), the parabolic reflector (8) being provided with polarization-dependent reflection means and the flat mirror (9) with polarization-twisting reflection means, and a feedhorn (7) which is centrally positioned in an aperture of the flat mirror (9) for transmitting and receiving radar radiation via the parabolic reflector (8) and the flat mirror (9), and that the flat mirror (9) is controlled with actuators (13), for generating in a second operational mode an angular offset between a gun (2) centre line and a line of sight of antenna (1).

***Complete Specification : 12 pages.***

***Drawing : 2 sheets.***

Ind.Cl : 206 K **190442**  
 Int.Cl<sup>4</sup> : H 03 G - 3/20  
 Title : APPARATUS FOR CONTROLLING THE CONVERSION GAIN  
 OF A DOWN CONVERTER.  
 Applicant : THOMSON CONSUMER ELECTRONICS, INC. OF 10330 NORTH  
 MERIDIAN STREET, INDIANAPOLIS, INDIANA 46290-1024  
 UNITED STATES OF AMERICA.  
 Inventor : MAX WARD MUTERSPAUGH.  
 Application no. 1816/CAL/96 FILED ON 14.10.1996.

(Convention no.005837 AND 624302 FILED ON 23.10.1995 AND ON 29.3.96 IN U.S.A.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

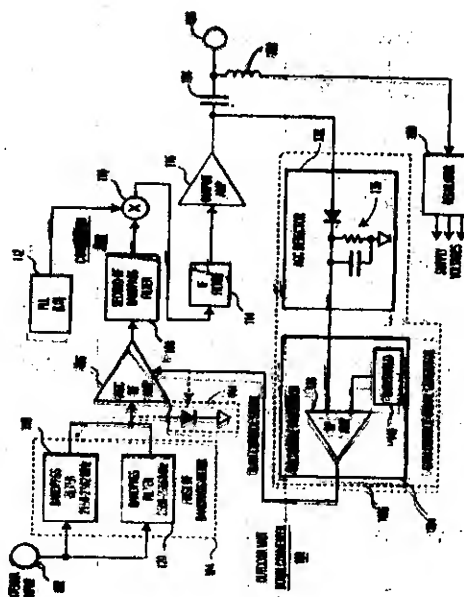
**16 CLAIMS.**

Apparatus for controlling the conversion gain of down converter comprising:

An outdoor unit (100, 200) of a receiving system for converting the frequency band of RF signals received from an antenna to a lower frequency band and having an output (126) for coupling the converted RF signals to an indoor unit (202) having a tuner (203) and a demodulator (220) and coupled to the output (126) of said down converter via a coaxial cable (222);

A gain control signal generator (146) responsive to said converted RF signals for producing a gain control signal;

Means (106) disposed within said down converter and coupled to said gain control signal generator (146) for controlling the conversion gain of said down converter in response to said gain control signal.



Complete Specification : 17 pages.

Drawing : 3 sheets.

Ind.Cl : 186 B 190443  
 Int.Cl<sup>4</sup> : G 06 K - 9/48  
 Title : APPARATUS FOR ENCODING A VIDEO SIGNAL OF A  
 CONTOUR OF AN OBJECT.  
 Applicant : DAEWOO ELECTRONICS CORPORATION, OF 686  
 AHYEON-DONG, MAPO-GU, SEOUL, KOREA.  
 Inventor : JIN-HUN KIM.  
 Application no. 1971/CAL/96 FILED ON 14.11.1996.  
 (Convention no. 96-40891 FILED ON 19.9.1996 in SOUTH KOREA.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### 9 CLAIMS.

An apparatus for encoding a video signal of a contour of an object wherein the apparatus compresses the video signal of a current contour of the object with respect to a previous contour thereof, which comprises:

Polygonal approximation block (201) for determining a plurality of first vertex points on the current contour;

Vertex mapping block (220) for providing, based on the first vertex points, second vertex points of said plurality on the previous contour wherein each second vertex point corresponds to one of the first vertex points;

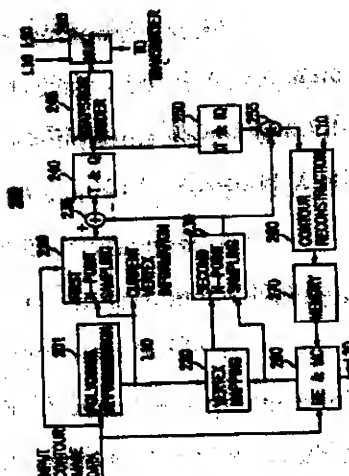
First and second N-point sampling blocks (210 and 230) for approximating the current and the previous contours by a first and second sets of line segments, respectively, wherein each line segment of the first set is formed by joining two of the first vertex points positioned adjacent each other on the current contour and each line segment of the second set is formed by connecting two of the second vertex points disposed neighbouring each other along the previous contour and generating a first set of errors between a current contour segment and a line segment of the first set which are defined by two adjacent first vertex points and a second set of errors between a previous contour segment and a line segment of the second set which are determined by two second vertex points corresponding to said two adjacent first vertex points;

Subtractor (235) for calculating a difference between the first and the second sets of errors;

T & Q block (240) and statistical coder (245) for encoding the difference to produce encoded data;

Contour reconstruction block (260) for reconstructing the current counter based on the encoded data to produce a reconstructed current contour; and

Memory (270) for storing the reconstructed current contour as a previous contour for a subsequent contour.



Complete Specification : 16. pages. Drawing : 3 sheets.

Ind.Cl : 187 H 190444  
 Int.Cl<sup>4</sup> : H 04 N 7/13  
 Title : AN APPARATUS FOR PADDING AN INPUT VIDEO SIGNAL FOR  
 SHAPE ADAPTIVE DISCRETE COSINE TRANSFORM.  
 Applicant : DAEWOO ELECTRONICS CORPORATION, OF 686  
 AHYEON-DONG, MAPO-GU, SEOUL, KOREA.  
 Inventor : SANG-HOON LEE.  
 Application no. 23/CAL/97 FILED ON 06.01.1997.

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

## 2 CLAIMS.

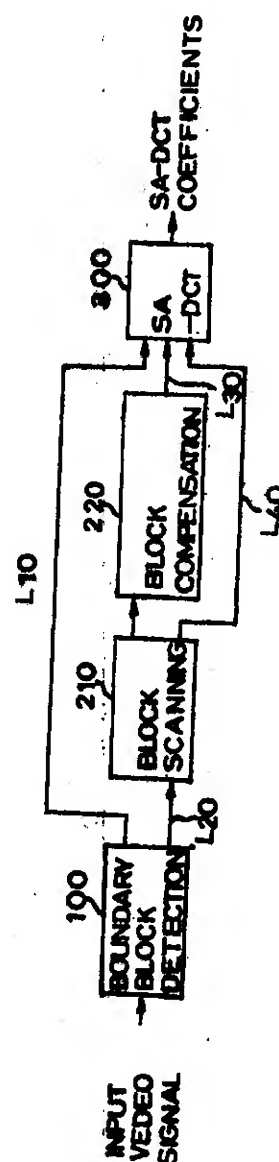
An apparatus for padding an input video signal for shape adaptive discrete cosine transform, the input video signal being divided into a multiplicity of image blocks of an identical size of  $N \times N$  pixels,  $N$  being a positive integer, which comprises:

A boundary block detection unit (100) for detecting an image block containing object and background pixels;

A block scanning unit (210) for finding a padding pixel by scanning the image block containing the object and the background pixel the padding pixel representing a background pixel located among the object pixels on a same row or column in the image block;

A block compensation unit (220) for computing a substitute pixel value based on the pixel values of the object pixels and for replacing the padding pixel with the substitute pixel value to thereby produce a padded image block having a compensated object region, the compensated object region containing the object pixel values and the substitute pixel value; and

an SA-DCT unit (300) for transforming the padded image block to a set of SA-DCT coefficients.



Complete Specification : 18 pages. Drawing : 3 sheets.

Ind.Cl : 146 D 1. **190445**  
Int.Cl<sup>4</sup> : G 02 B 6/24  
Title : OPTICAL FIBER CONNECTOR PROTECTING SUPPORTER  
Applicant : SAMSUNG ELECTRONICS CO. LTD. OF 416, MAETAN-DONG,  
PALDAL-GU, SUWON-CITY, KYUNGKI-DO KOREA.  
Inventor : HAK-SUK KIM.  
Application no. 25/CAL/97 FILED ON 06.11.1997.  
(Convention no.1598/1996 FILED ON 25.1.196 IN KOREA.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### **2 CLAIMS.**

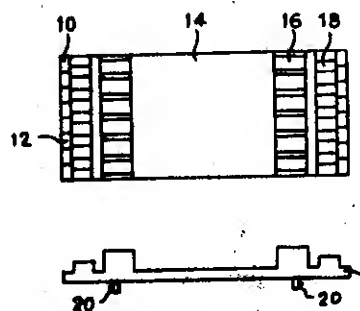
An optical fiber connector protecting supporting having a function of protecting the connector of optical fiber, the supporting comprising:

A hook-shaped fixing pin (20) located on the bottom of the supporter (14) and for absorbing vibrations during one of a mechanical splicing operation and fusion splicing operation;

A pair of mechanical splicer holding recesses (16) positioned at opposite inner ends of the supporter (14) and for securing the mechanical splicer (26) during the mechanical splicing operation;

A pair of thermally shrinking tube holding recesses (18) positioned at opposite outer ends of the supporter (14) and for securing the thermally shrinking tube (24) during said fusion splicing operation; and

A pair of optical fiber guides (10) located at opposite outermost ends of the supporter (14) and each having a recess (12) for securing the optical fiber (22), the supporter (14) capable of using both the mechanical splicer (26) and thermally shrinking tube (24).



**Complete Specification : 9 pages.**

**Drawing : 3 sheets.**

Ind.Cl : 186 B.

190446

Int.Cl<sup>4</sup> : H 03 M - 7/30

Title : A DATA COMPRESSING APPARATUS.

Applicant : HITACHI, LTD., OF 6, KANDA SURUGADAI 4-CHOME,  
CHIYODA-KU, TOKYO, JAPAN.Inventor :  
1. SEIICHI DOMYO.  
2. HIROSHI YOSHIURA.  
3. YOSHIAKI HATTORI.  
4. YUTAKA OTSU.  
5. HIROMASA MURAKAMI.

Application no. 136/CAL/97 FILED ON 24.10.1997.

(Convention no. 08-015012 FILED ON 31.01.1996 IN JAPAN.)

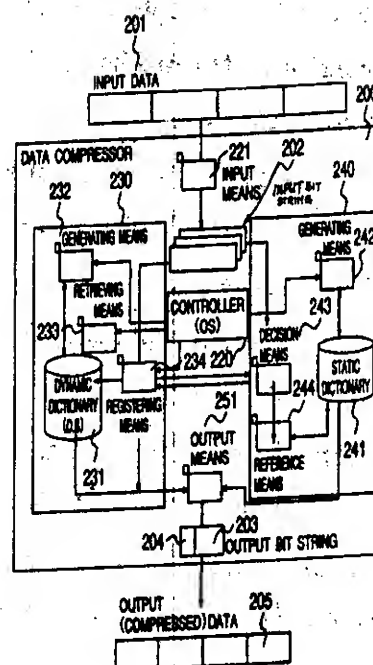
Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

**5 CLAIMS.**

A data compressing apparatus, in which input data (201) is decomposed into input bit strings (202); for conducting a string retrieval through a first dynamic dictionary control unit (230) with a dynamic dictionary (231) for converting input data from the input section including a first bit string into a second bit string according to a predetermined rule, the second bit string smaller in length than the first bit string, said data compressing apparatus comprising :

a second static dictionary control unit (240) with a static dictionary (241) for converting the input data into a third bit string smaller in length than the second bit string according to a table in which a bit string of each candidate input data beforehand fixedly corresponds to a bit string smaller in length than the bit string of the candidate input data;





said second dictionary (241) configured by beforehand defining in a fixed manner bit strings as input candidates and indices thereof:

- means (242) for generating the second dictionary;
- means (244) for referring to the contents of the second dictionary;
- decision means (243) for deciding whether or not a bit string is required to be registered to the first dictionary, thereby registering the input bit string to the first dictionary according to a result from the decision means (243);
- a compression control unit (220) for converting the input data into a bit string smaller in length than the bit string of the input data by the first and second data compressing sections; and
- an output means (251) for outputting the bit string converted by said compression control unit.

**Complete Specification : 50 pages.**

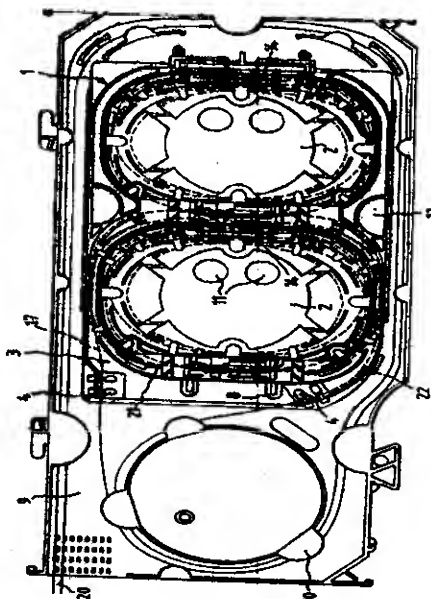
**Drawing : 16 sheets.**

Ind.Cl : 48 A<sub>4</sub> 190447  
Int.Cl<sup>4</sup> : G 02 B 6/00, H 02 G 15/10  
Title : A MANAGEMENT-CAPABLE SPLICE CASSIETTE FOR  
TELCOMMUNICATION AND DATA TRANSMISSION  
APPLICATIONS.  
Applicant : <sup>GMBH</sup> KRONE GMBH, OF BEESKOWDAMM,  
3-11 NO. 14167 BERLIN, GERMANY.  
Inventor : 1. VOLKER ROSELER.  
2. CLEMENS ROGGE.  
3. KLAUS KLEIN.  
Application no. 195/CAL/97 FILED ON 03.02.1997.  
(Convention no. 19611770.4 FILED ON 14.3.96 IN GERMANY.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)  
Patent Office Kolkata.

**2 CLAIMS.**

A management-capable splice cassette (1) for telecommunication and data transmission applications for receiving carrier shells (2) for two glass fibres (17) each, comprising a carrier housing (3) with cable connection means (4), a carrier (5) connected to housing (3), carrier shells (2) being connected to said carrier (5) in a rotatable manner, characterized in that, each of said carrier shells (2) being disposed in at least two adjacent receiving portions (6) and stacked upon each other, each of said carrier shells (2) being rotatably supported and movable into a latch position (7) with a latch device (8) provided at a carrier shell side.



**Complete Specification : 8 pages.**

**Drawing : 5 sheets.**

Ind.Cl : 136 E26 **190448**  
 Int.Cl<sup>4</sup> : A 46 B 3/02  
 Title : METHOD FOR THE MANUFACTURE OF BRUSHES.  
 Applicant : CORONET-WERKE GMBH, OF POSTFACH 1180, D-69479  
 WALD-MICHELBAACH, GERMANY.  
 Inventor : GEORG WEIHRAUCH.  
 Application no. 643/CAL/1997 FILED ON 15.4.1997  
 (Convention no. 19616112.6 FILED ON 23.4.1996 IN GERMANY.)

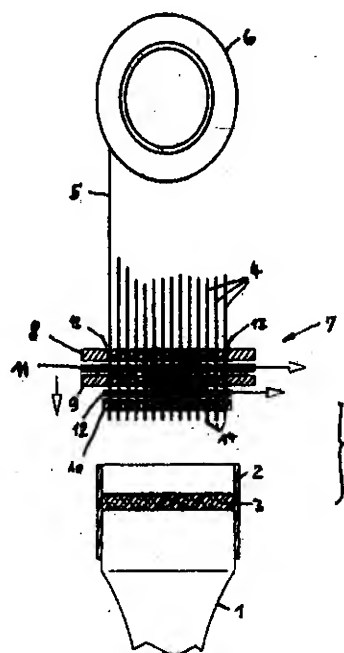
Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### **10 CLAIMS.**

A method for the manufacture of brushes with a bristle carrier and a facing of individual, vertical plastic bristles, the method comprising the steps of :

- a) Introducing each individual bristle at fastening sided ends thereof through respective holes of a template said holes having a hole diameter slightly larger than a bristle diameter said template having a hole pattern corresponding to positioning of the bristles within the bristle facing the bristles projecting, in spaced apart relationship corresponding to a hole pattern of said template, through and past an exit side of said template by a substantially same amount;
- b) Fixing each individual bristle with respect to axial and radial displacement within said template;
- c) Submerging following step b) , each individual bristle projecting past exit side of said template into a bed of liquid curable material to immerse said fastening sided ends of the bristles in said liquid bed such that said liquid flows around ends of the bristles and;
- d) Curing said liquid bed.



**Complete Specification : 15 pages. Drawing : 5 sheets.**

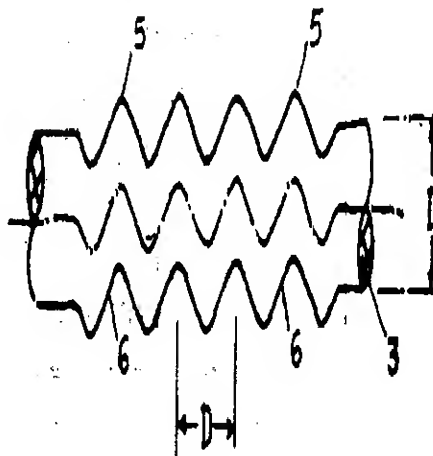
Ind.Cl : 26 & 189 **190449**  
Int.Cl<sup>4</sup> : A 46 B 9/04  
Title : BRUSH FOR GINGIVAL MASSAGE AND CLEANING TEETH  
AND METHOD FOR THE MANUFACTURE OF THE BRISTLES  
OF SUCH A BRUSH.  
Applicant : CORONET-WERKE GMBH, OF POSTFACH 1180, D-69479  
WALD-MICHELBAACH, GERMANY,  
Inventor : WEIHRAUCH GEORG.  
Application no. 652/CAL/97 FILED ON 16.04.1997.  
(Convention no. 19615098.1 FILED ON 17.04.1996 IN GERMANY.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

**16 CLAIMS.**

Brush for gingival message and cleaning teeth, comprising a bristle carrier with handle and on the bristle carrier individual or bundlewise fixed plastic bristles, characterized in that the bristle (3) are waved transversely to their axis, accompanied by the formation of distinct stud-like wave tops (5) with wave length 1 to 10 times the bristle diameter, preferably 1 to 5 times.



*Complete Specification : 12 pages.*

*Drawing : 3 sheets.*

Ind.CI : 108 190450  
Int.CI<sup>4</sup> : C 21 C 7/00  
Title : A PROCESS FOR MANUFACTURING FORMABLE QUALITY  
COLD ROLLED STEEL OF HIGH TENSILE AND YIELD  
STRENGTH.  
Applicant : STEEL AUTHORITY OF INDIA LIMITED, OF ISPAT BHAWAN,  
LODI ROAD, NEW DELHI - 110 003, INDIA.  
Inventor : 1. SAROJ KUMAR PAUL.  
2. AMAR KUMAR DE.

Application no.2204/CAL/97 FILED ON 24.11.1997.

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

**8 CLAIMS.**

A process for manufacturing formable quality cold rolled steel of high tensile and yield strength and closed bend, which is particularly suitable for use in the construction of industrial storage bin and automobile component parts, comprising the following steps :-

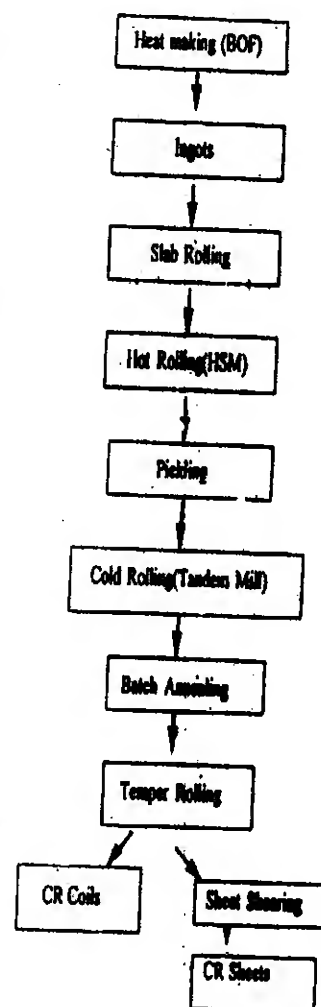
- (i) making the 'heat' in a basic oxygen furnace by blowing oxygen of minimum purity 99.2% into the furnace;
- (ii) adding the required quantity of medium carbon Fe-Mn, high carbon Fe-Mn, Fe-Si, Fe-Nb and aluminium to the molten heat in the ladle during tapping to produce steel of required chemical composition;
- (iii) teeming the heat into ingots;
- (iv) soaking the ingots in reheating furnaces at 1300°C and rolling the soaked ingots into slabs of required dimensions in a slab rolling mill with hot scarfing during rolling followed by cold scarfing manually to remove the defects found in the surface thereof;
- (v) soaking the slabs in reheating furnaces at 1270-1290°C and hot rolling of the soaked slabs into rolled coils of thickness 2.8-4.0 mm in a hot strip mill;
- (vi) cooling the hot rolled coils to ambient temperature in natural air followed by pickling and side-edge trimming of the cooled coils;
- (vii) cold rolling the coils in a tandem mill to reduce the thickness thereof to the required extent;

(viii) annealing the cold rolled coils in a batch annealing furnace having a protective gas atmosphere following a given annealing cycle;

(ix) temper rolling of the annealed cold rolled coils by 1% in a skin pass mill; and

(x) shearing the coils into sheets of required lengths in a sheet shearing line;

characterised in that (a) the chemical composition of the steel produced is (by weight %) : C-0.09 to 0.12, Mn-0.80 to 1.00, Si-0.05 max, P-0.05 max, S-0.025 max, Al-0.03 to 0.07, Nb-0.03 to 0.05 and Fe-the balance; (b) hot rolling of the soaked slabs into hot rolled coils in a hot strip mill is performed at a finishing temperature of  $840-870^{\circ}\text{C}$  and coiling temperature of  $620-650^{\circ}\text{C}$ ; (c) the thickness of hot rolled coils is reduced in the range of 50-65% by cold rolling of the same; and (d) the annealing cycle followed for annealing the cold rolled coils comprises raising the temperature of the coils from ambient temperature to  $550^{\circ}\text{C}$  in 8 hours, retaining the temperature of the same at  $550^{\circ}\text{C}$  for 8 hours, raising the temperature of the same from  $550^{\circ}\text{C}$  to  $635^{\circ}\text{C}$  in 3.5 hours, retaining the temperature of the same at  $635^{\circ}\text{C}$  for 13 hours and cooling the same in a furnace at a rate of  $34^{\circ}\text{C}$  per hour.



*Complete Specification : 8 pages.*

*Drawing : 2 sheets.*

## RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 180734 granted to 1) Pierre Uingemach, 2) Roland Turan, 3) Raymond Lucet for an invention relating to device for injecting corrosion and deposit inhibiting agents in a well.

The Patent ceased on the 26.02.02 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 14.08.03 under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 181128 granted to Avarampalayam Gopalswaminaidu Govindarajulu for an invention relating to a device for cleaning industrial machineries such as textile and jute mill machineries.

The Patent ceased on the 16.11.01 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 14.08.03 under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 183522 granted to Phillips Petroleum Company for an invention relating to a process for polymerizing Olefins.

The Patent ceased on the 05.09.01 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 14.08.03 under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 183696 granted to Vivimed Labs Limited for an invention relating to a process for the synthesis of the facteriostat 2,4,4-trichloro-2'-hydroxydiphenyl ether (triclosam) from 2,4-dichlorophenol.

The Patent ceased on the 03.10.01 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 14.08.03 under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 183765 granted to SKF Engineering & Research Centre B.V. for an invention relating to a lubricating grease composition and a method for its preparation.

The Patent ceased on the 08.09.01 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 14.08.03 under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 184250 granted to Eli Lilly & Co. for an invention relating to a process for preparing a naphthyl compound.

The Patent ceased on the 25. 08.01 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 28.09.02.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 14.08.03 under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 185005 granted to Alejandro Stein for an invention relating to an end connector for wall structure.

The Patent ceased on the 14.10.01 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 14.08.03 under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 185818 granted to Lexmark International, Inc. for an invention relating to a printer.

The Patent ceased on the 14. 04.02 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 14.08.03 under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 185593 granted to Central Electronics Ltd. for an invention relating to a solar powered battery charger.

The Patent ceased on the 09.02.02 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 14.08.03 under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.



Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 185893 granted to Imperial Chemical Industries, P.L.C. for an invention relating to working fluid composition for use in a heat transfer device.

The Patent ceased on the 23.04.02 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 14.08.03 under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 185895 granted to Central Electric Company for an invention relating for turbine.

The Patent ceased on the 24.04.02 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 14.08.03 under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 186225 granted to Molex Incorporated for an invention relating to edge card connector with alignment means.

The Patent ceased on the 20.06.02 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 14.08.03 under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 186441 granted to Sandip Sureka and Jotindra Sureka for an invention relating to a method for producing galvanized Steel Tube.

The Patent ceased on the 16.08.02 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 186789 granted to Anurag Ateel Gupta & Others for an invention relating to an improved process for the production of N,N-dimethyl-N-(3,5-di-tert-butyl-4-hydroxybenzyl) amine.

The Patent ceased on the 29.10.02 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2<sup>nd</sup> M.S.O. Building, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 21.08.03 under Rule 69 of the Patents Rules, 2003. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Patents Sealed on 25.06.2003 (Mumbai Branch)

188385 188495 188495 189009 189013 189019 189020 189024 189028 189071 189072 189073 189074  
189078 189079 189091 189092 189094 189097 189100 189102 189106 189107 189108 189109

PATENT SEALED ON 27-06-2003





188315 188390 188391 188392 188395 188396 188397 188399 188402 188403 188404 188405 188406  
188408 188410 188411 188412 188413 188417 188418 188419 188421 188422 188423 188424 188425  
188426 188427 188428 188429 188430

KOL—NIL, DEL—06, MUM—08, CHEN—17

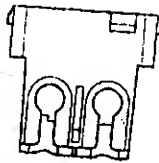




**REGISTRATION OF DESIGNS**

The following designs have been registered. They are open for public inspection. (Colour combination if any, is not shown in the representation)

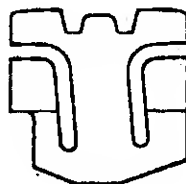




The dates shown in the following each entry is the date of registration.

Class.	24-04	No.190349. DIALYSER SUPPLIES & MEDICAL SERVICES (P) LTD, UNIT NO. SDF-III, MADRAS EXPORT PROCESSING ZONE, N.H. 45, TAMBARAM, CHENNAI-600045, TAMIL NADU, INDIA. "QUICK STOP SAFETY GAUZE PAD FOR DIALYSIS VENIPUNCTURES " 8 NOVEMBER 2002.	
Class.	09-04	No.190382. NILKAMAL CRATES & BINS OF 77/78, NILKAMAL HOUSE ROAD NO. 13/14, M.I.D.C ANDHERI EAST MUMBAI-400093, MAHARASHTRA, INDIA. "CRATE" 8 <sup>TH</sup> NOVEMBER 2003.	
Class.	23-04	No.190406. RECKITT BENCKISER (UK) LIMITED, A BRITISH COMPANY, OF 103-105 BATH ROAD, SLOUGH, BERKSHIRE, SL1 3UH, UNITED KINGDOM. "AIR FRESHNER DEVICE" 14 <sup>TH</sup> MAY 2002 (RECIPROCITY, U.K.)	
Class.	23-04	No.190407. RECKITT BENCKISER (UK) LIMITED, A BRITISH COMPANY, OF 103-105 BATH ROAD, SLOUGH, BERKSHIRE, SL1 3UH, UNITED KINGDOM. "AIR FRESHNER DEVICE" 14 <sup>TH</sup> MAY 2002 (RECIPROCITY, U.K.)	






Page No.2.

Class.	13-03	No.190408. GERARD INDUSTRIES PTY LTD., OF 12 PARK TERRACE, BOWDEN, SOUTH AUSTRALIA 5007, AUSTRALIA. "A SWITCH HOUSING" 23 <sup>RD</sup> MAY 2002 (RECIPROCITY, AUSTRALIA).	
Class.	24-02	No.190412 M/S. RAJ VIJAY CORPORATION (UNIT-II), AT E-6, FOUNDRY NAGAR, AGRA (U.P.) "URINE BAG HANGER" 12 NOVEMBER 2002.	
Class.	07-02.	No.190413. M/S. SURYA GASES (P) LTD. SARAFI BAZAR, LASHKAR GWALIOR INDIA. "GAS STOVES" 12 NOVEMBER 2002.	
Class.	07-02	No.190414. M/S. SURYA GASES (P) LTD. SARAFI BAZAR, LASHKAR GWALIOR INDIA. "GAS STOVES" 12 NOVEMBER 2002.	
Class.	09-02	No.190442. M/S. RANGOLI PLASTIC PVT. LTD. OF R. NO. 3, RAGHUNATH YADAV CHAWL, DR. R.P. ROAD, OPP: 26 RAM GOPAL INDL ESTATE, MULUND (W), MUMBAI-400080, MAHARASHTRA, INDIA. "DRUM" 15 NOVEMBER 2002	






Page No.3.

Class.	13-03	No.190478. GERARD INDUSTRIES PTY LTD., OF 12 PARK TERRACE, BOWDEN, SOUTH AUSTRALIA 5007, AUSTRALIA. "AN ELECTRICAL SWITCH BRIDGE MEMBER" 23 <sup>RD</sup> MAY 2002 (RECIPROCITY, AUSTRALIA).	
Class.	03-99	No.190480. JAYESH HARKISANDAS KANANI, 105, M.H. JAVERIAN BUILDING, NEXT TO SEJAL KAJAL APARTMENTS, RAM MANDIR ROAD, GOREGAON (W), MUMBAI-400164. "COLLAPSHIBLE TUMBLER" 21 <sup>ST</sup> November 2002.	
Class.	09-03	No.190539. ASHOK KUMAR GUPTA HUF, OF 641, I.I.T. KANPUR, UTTAR PRADESH, 208016, "CIGARETTE PACK CUM SLIMATH" 25 <sup>TH</sup> NOVEMBER 2002.	
Class.	10-02	No.190561. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "WATCH" 27 NOVEMBER 2002	
Class.	09-01	No.190562. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "CONTAINER" 27 NOVEMBER 2002	



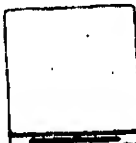


Page No.4.

Class.	09-01	No.190564. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "CONTAINER" 27 NOVEMBER 2002	
Class.	09-01	No.190565. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "CONTAINER" 27 NOVEMBER 2002	
Class.	09-01	No.190566. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "BOTTLE" 27 NOVEMBER 2002	
Class.	09-01	No.190568. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "CONTAINER" 27 NOVEMBER 2002	
Class.	09-01	No.190569. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "CONTAINER" 27 NOVEMBER 2002	

Page No.5.






Class.	10-02	No.190570. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "WATCH" 27 NOVEMBER 2002	
Class.	10-02	No.190571. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "WATCH" 27 NOVEMBER 2002	
Class.	10-02	No.190572. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "WATCH" 27 NOVEMBER 2002	
Class.	10-02	No.190573. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "WATCH" 27 NOVEMBER 2002	
Class.	10-02	No.190574. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "WATCH" 27 NOVEMBER 2002	

Page No.6






<b>Class.</b>	<b>10-02</b>	<b>No.190575. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "WATCH" 27 NOVEMBER 2002</b>	
<b>Class.</b>	<b>10-02</b>	<b>No.190576. AJANTA INDIA LIMITED, AJANTA INDUSTRIAL ESTATE, OPP: REWA PARK, RAJKOT HIGHWAY, MORBI-363641, STATE OF GUJARAT, INDIA. "WATCH" 27 NOVEMBER 2002</b>	
<b>Class.</b>	<b>14-02</b>	<b>No.190577. PETER SEGERHAMMER OF FAGERVIKSVAGEN 47, S-168 39, BROMMA, SWEDEN. "PRINTER SCREEN" 21<sup>ST</sup> MAY 2002 (RECIPROCITY, SWEDEN)</b>	
<b>Class.</b>	<b>09-05</b>	<b>No.190595. M/S. UNIQUE INDUSTRIES (INDIA) C-10, FOCAL POINT JALANDHAR, PUNJAB, INDIA. "BENCH VICE" 29<sup>TH</sup> NOVEMBER 2002.</b>	
<b>Class.</b>	<b>09-03</b>	<b>No.190598. THE TINPLATE CO. OF INDIA LTD. OF 4, BANKSHALL STREET, KOLKATA-700001, "TIN CANS". 29 NOVEMBER 2002.</b>	








Page No.7.

<b>Class.</b>	<b>19-06</b>	<b>No.190600. FLAIR WRITING AIDS OF 30A, DEVEN INDUSTRIAL ESTATE, L.B. PATEL ROAD, GOREGAON (E), MUMBAI-400063, MAHARASHTRA, INDIA. "PEN" 2 DECEMBER 2002.</b>	
<b>Class.</b>	<b>19-06</b>	<b>No.190601. FLAIR WRITING AIDS OF 30A, DEVEN INDUSTRIAL ESTATE, L.B. PATEL ROAD, GOREGAON (E), MUMBAI-400063, MAHARASHTRA, INDIA. "PEN" 2 DECEMBER 2002.</b>	
<b>Class.</b>	<b>03-01</b>	<b>No.190602. FLAIR PENS LTD. OF 63 B/C, GOVT. INDUSTRIAL ESTATE, CHARKOP, KANDIVILI (W), MUMBAI-400067, MAHARASHTRA, INDIA. "PEN CASE" 2 DECEMBER 2002</b>	
<b>Class.</b>	<b>19-06</b>	<b>No.190630. ARCHIES LTD. A-17, NARAINA INDUSTRIAL AREA, NEW DELHI-110028, INDIA. "PENCIL BOX" 3 DECEMBER 2002.</b>	
<b>Class.</b>	<b>12-11</b>	<b>No.190735. BAGGA CYCLE INDUSTRIES OF GOBINDPURA MARKET, GILL ROAD MILLER GANJ, LUDHIANA-141003, (PUNJAB) INDIA. "BI-CYCLE PEDAL" 16 DECEMBER 2002.</b>	



Page No.-8.

Class.	07-03	No.190636. M/S. SHELTRON EXPORTS (HUF), C-9/2, 1S FLOOR, WAZIRPUR INDUSTRIAL AREA, NEW DELHI-110052, INDIA. "TRIPPLE SPOON REST" 3 <sup>RD</sup> DECEMBER 2002.	
Class.	13-03	No.190744.M/S. TRANS MODULAR (INDIA) OF 127/B, ASHIRWAD INDUSTRIAL ESTATE, RAM MANDIR ROAD, GOREGAON (W), MUMBAI-400104, MAHARASHTRA, INDIA. "MINI SWITCH TYPE DIMMER" 17 DECEMBER 2002.	
Class.	07-03	No.190637. M/S. SHELTRON EXPORTS (HUF), C-9/2, 1S FLOOR, WAZIRPUR INDUSTRIAL AREA, NEW DELHI-110052, INDIA. "TWIN SPOON REST" 3 <sup>RD</sup> DECEMBER 2002.	
Class.	28-03	No.190639. CRYSTAL PLASTICS & METALLIZING PVT. LTD. OF SHANGHI HOUSE, PALKHI GALLI, OFF VEER SAVARKAR MARG, PRABHADEVI, MUMBAI-400025, STATE OF MAHARASHTRA, INDIA. "COMB" 3 DECEMBER 2002	
Class.	28-03	No.190640. CRYSTAL PLASTICS & METALLIZING PVT. LTD. OF SHANGHI HOUSE, PALKHI GALLI, OFF VEER SAVARKAR MARG, PRABHADEVI, MUMBAI-400025, STATE OF MAHARASHTRA, INDIA. "COMB" 3 DECEMBER 2002	

Page No.9.

Class	19-06	No.190698. LINC PEN & PLASTICS LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT,1956, AND HAVING ITS PLACE OF BUSINESS AT 3, ALIPORE ROAD, 1 <sup>ST</sup> FLOOR, KOLKATA: -700 027, INDIA, "PEN" 10 DECEMBER 2002	
Class.	19-06	No.190699. LINC PEN & PLASTICS LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT,1956, AND HAVING ITS PLACE OF BUSINESS AT 3, ALIPORE ROAD, 1 <sup>ST</sup> FLOOR, KOLKATA: -700 027, INDIA, "PEN" 10 DECEMBER 2002	
Class	12-11	No.190708. VISHIVKARMA INDUSTRIES (P) LTD. 2497, GILL ROAD, LUDHIANA-141003, (PUNJAB), INDIA. "BI-CYCLE BRAKE CHIMTI" 11 DECEMBER 2002	
Class	12-11	No.190713. VISHIVKARMA INDUSTRIES (P) LTD. 2497, GILL ROAD, LUDHIANA-141003, (PUNJAB), INDIA. "BI-CYCLE BRAKE LEVER" 12 DECEMBER 2002	
Class	09-01	No.190714. HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400020. "BOTTLE WITH CAP" 12 DECEMBER 2002	

Page No.10.

Class	04-02	No.190715. HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400020. "TOOTHBRUSH" 21 JUNE 2002 (RECIPROCITY, U.K.)	
Class	21-02	No.190727 M/S. HILTON FITNESS SYSTEMS OF 27/3291, CHAKALAKAL ROAD, PERUMANOOR, KOCHI, KERALA STATE, INDIA. "INVERSION THERAPY MACHINES (ABB & BLACK TRAINERS). 9 DECEMBER 2002	

**H. C. BAKSHI**  
Controller General of Patents Designs & Trademarks